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TEXAS
COMMISSION
ON ENVIRONMENTAL
QUALITY

2007 MAY 30 PM 4: 24

March 30, 2007

CHIEF CLERKS OFFICE

LaDonna Castañuela, Chief Clerk
TCEQ - Office of the Chief Clerk
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Austin, TX 78711-3087
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Via Hand Delivery

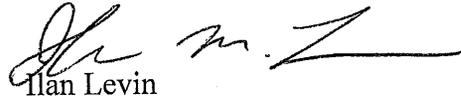
**Re: TCEQ Docket No. 2007-0598-AIR; Sierra Club & Public Citizen's
Reply Brief in Support of Their Motion to Overturn Permit
Alterations (Permit 4381/PSD-TX-3) for the Welsh Power Station**

Dear Ms. Castañuela:

Enclosed please find the original and 12 copies of the above-referenced filing.
Please file-stamp one copy and return it to the courier.

If you have any questions, please contact me at 619-7287. Thank you for your
assistance in this matter.

Sincerely,



Ilan Levin

Environmental Integrity Project

cc: Service List

Enclosure

TCEQ DOCKET NO. 2007-0598-AIR

2007 MAY 30 PM 4: 24

RE: PERMIT ALTERATION

PERMITS 4381 AND PSD-TX-3

WELSH POWER STATION

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BEFORE THE

CHIEF CLERKS OFFICE

TEXAS COMMISSION

ON

ENVIRONMENTAL QUALITY

TO THE HONORABLE COMMISSIONERS OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY:

COME NOW Sierra Club and Public Citizen, and respectfully submit this Reply Brief, in support of their Motion to Overturn the Executive Director's (ED) issuance of a March 20, 2007 permit alteration of American Electric Power's (AEP) Welsh Power Station air quality and PSD permit.

I. Summary of the ED and AEP Arguments

There appears to be no disagreement that the Welsh plant's permit history is a roughly 30-year path of permits issued, renewed and combined, resulting in a single consolidated permit covering all three main units (Permit No. 4381/ PSD-TX-3), which is at issue in this matter. Further, there appears to be general agreement that the question now before the Commission is whether the ED's characterization of two permit changes authorized on March 20, 2007, as permit "alterations" should more accurately be considered permit "amendments" under 30 TAC 116.

The analysis under 30 TAC 116 is essentially a two-pronged question: first, are the heat input and fuel sulfur limits considered "permit conditions," and second, do the changes trigger the amendment process by causing either (1) a change in the method of

control of emissions; (2) a change in the character of the emissions; or (3) an increase in the emission rate of any air contaminant?

The ED acknowledges that, for heat input, the first prong of the analysis is satisfied. (“[T]he heat input was a representation made by AEP and a limit for these boiler units.”) *See* ED Resp. Br. at 3. AEP admits that the heat input reference is a “design” parameter, but that it was never intended to be a permit condition or limit. As to the second part of the analysis, both the ED and AEP argue that allowing the plant to operate at higher heat inputs does not *necessarily* cause higher emissions.

There is no argument that the plant’s fuel sulfur limit is a “permit condition,” but both the ED and AEP assert that the limit was never *intended* to be based on dry-weight. Therefore, the alteration, they argue, is only a clarification, so there can be no increase in emissions or change in operation or method of control.

The text of 30 TAC 116.116 provides in pertinent part as follows:

- (a) Representations and conditions. The following are the conditions upon which a permit, special permit, or special exemption are issued:
 - (1) representations with regard to construction plans and operation procedures in an application for a permit, special permit, or special exemption; and
 - (2) any general and special conditions attached to the permit, special permit, or special exemption itself.
 - (b) Permit amendments.
 - (1) Except as provided in subsection (e) of this section, the permit holder shall not vary from any representation or permit condition without obtaining a permit amendment if the change will cause:
 - (A) a change in the method of control of emissions;
 - (B) a change in the character of the emissions; or
 - (C) an increase in the emission rate of any air contaminant.
- ***
- (c) Permit alteration.
 - (1) A permit alteration is:
 - (A) a decrease in allowable emissions; or
 - (B) any change from a representation in an application, general condition, or special condition in a permit that does not cause:

- (i) a change in the method of control of emissions;
- (ii) a change in the character of emissions; or
- (iii) an increase in the emission rate of any air contaminant.

II. Removing the Heat Input Limit Causes an Increase in Emission Rates of Air Contaminants

The ED has determined that “the heat input was a representation made by AEP and a limit for these boiler units.” *See* ED Response Br. at 3. Further, there is no dispute that AEP seeks to delete the reference to the heat input limit for each of the plant’s main boilers (Special Conditions 2, 3, and 4), because from time to time they can not meet these limits; the units simply burn hotter than 5,156 mmBtu/hour. *See, e.g.*, AEP Response Br. at Exhibits 11, 12.

The requested permit change, to delete the heat input references, is AEP’s solution to pending TCEQ enforcement action arising out of their very own reported heat input rates above the original 5,156 mmBtu per hour stated operational limits for each of the three boilers.

AEP’s argument, parroted by the ED with apparently no or extremely limited analysis, basically comes down to this:

Heat rate is one of the limiting factors for a unit’s emissions, but is not necessarily *the* best determinant of the level of emissions, because other factors – such as ash or sulfur content of the coal – are also key factors that affect emissions. *See*, AEP Resp. Br. at 9, and ED Resp. Br. at 4-5. Therefore, it only makes sense to excise the heat input limit from the permit. This *Alice in Wonderland* reasoning has no foundation in reality, is without merit, and flat wrong as a matter of law and principle.

The heat input limit – an acknowledged permit limit, according to the ED – is one of the key constraints on the level of operations, and hence – as shown below – on the level of emissions. Removing the heat input limit to allow the Welsh plant to burn more coal would remove a critical emissions constraint at this plant.

And, at the same time that the ED removes the heat input limit, he approves a change to the permit's Special Condition No. 15, which now reads in pertinent part: "The holder of this permit shall retain records of the average fuel firing rate, in units of tons of coal per hour and million British thermal units per hour (mmBtu/hr) for a minimum of 2 years from the date of the recording....**This information may be used to determine compliance with the emissions limitations of Special Condition 1.**" *See*, ED Resp. Br. Exh. 1. To say that heat input should be removed as a permit limit because it is "not the best method to determine compliance" while saying at the same time that heat input may be used to determine compliance is simply incongruous.¹

A. AEP and the ED's Analysis is Incomplete and Misleading; any Reasonable Analysis of the Available Data Show that Increasing Heat Input Means Higher Emissions

AEP mischaracterizes Movants' position. We have never stated that heat rate is the *only* indicator of emissions levels, nor have we taken the position that higher heat rate automatically means more emissions. This is so because it is undisputed that other factors beside heat input – for example, sulfur content, ash content, alkalinity, control equipment performance, etc. – will also affect the level of emissions. But, when other factors are controlled or kept constant, then heat input rate becomes a key determinant of emissions levels. For example, when coal sulfur content remains relatively stable, then

¹ If AEP and the ED want to rely on the compliance assurance monitoring (CAM) requirement for this plant, then the surrogate for PM is opacity. Based on the Welsh plant's most recent PM stack test, the highest 6-minute average opacity level for any of the three units was just under 10 percent.

available data show a clear trend; increased heat rate is a reasonable predictor of higher SO₂ emissions. Movants rely on Acid Rain data for the analysis below, and attach as an Exhibit to this brief a compact disk containing the data. Exhibit 1 (compact disk). *See* also attached Affidavit of Joe Van Geison, which demonstrates the ED's and AEP's flawed arguments, and shows that increases in heat input will cause significant increases in emissions of SO₂, NO_x, and PM. Exhibit 2. Movants also rely on AEP's coal analyses, attached as Exhibit 3.

After acknowledging that there are several important variables that determine the level of emissions, neither AEP nor the ED addresses any of them. Instead, to make its absurd argument that "there is no relationship between heat input to and emissions from any of the units," AEP presents several tables which, according to AEP, are the same tables it used to make its case to the TCEQ Air Permits Division Staff during "multiple meetings." *See*, AEP Rep. Br. at 9. The ED conducted a similar analysis – if any – as that provided by AEP. *See, eg*, ED Resp. Br. at 4, and AEP Resp. Br. at 9-10 and Exhibits 16 through 20.² These tables purport to show that that heat input and SO₂ emissions "are not *necessarily* linearly related." *See*, ED Resp. Br. at 4 (emphasis added). However, AEP's tables do not show what they purport to show. For example, AEP's Exhibit 16 might demonstrate a "non-linear" relationship, but it also clearly shows higher NO_x emissions – 0.154-0.167 lbs/mmBtu – at the higher end of the heat input range, as

² Notably, the ED does not go as far as AEP, and appears careful in its Response Brief to state that the submitted data show only that heat rate and emissions are not "necessarily" directly correlated. But, the ED's statement with reference to its Table 1 ("Notice that at higher heat inputs, emissions are actually lower.") is misleading.

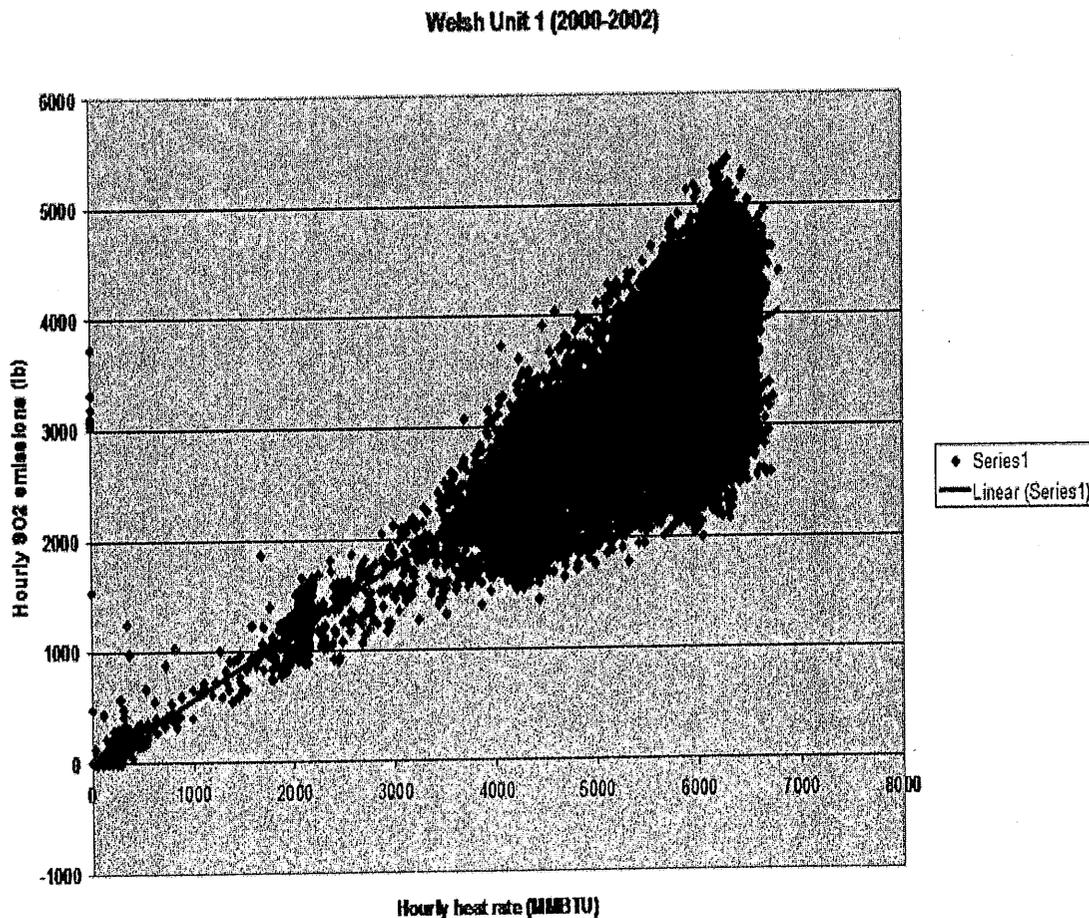
opposed to lower NOx emissions – as low as 0.119 lbs/mmBtu – at the lower heat input range.³

The same is true for SO₂; the data indicate that higher emissions are generally associated with higher heat input rates. Buried in its explanation, AEP acknowledges the flimsiness of its data tables. (“Exhibit 18 shows *examples where...*”; “Exhibit 19... shows *examples where...*”) See, AEP Resp. Br. at 9 (emphasis added). It is unclear to what extent AEP cherry-picked certain years’ data to make its case to the TCEQ staff. AEP’s Exhibit 19, which is the same methodology that the ED presents in Table 1 of its response, is wholly spurious, because comparing different years’ emissions and heat input data, without any attempt to account for variation in fuel sulfur or ash content of the coal and other critical factors, makes the comparison virtually useless. In fact, a simple analysis of the annual sulfur data for the two years that the ED relies on in Table 1 of its Response Brief shows that in year 2000, the annual sulfur content averaged approximately 0.31 percent, while in year 1998 sulfur content was higher (roughly 0.39-0.4 % Sulfur). Therefore, sulfur content of coal is the predominant factor in the overall decrease in annual SO₂ emissions between 1998 and 2000, shown in the ED’s example. In other words, while there was a roughly 10-12 percent increase in annual heat input from 1998 to 2000, there was at the same time a roughly 30-33 percent decrease in the sulfur content of coal. Because both values weigh equally in the calculation of SO₂ emissions, the influence of the percent sulfur change greatly outweighs the influence of the change in heat input. The ED made no effort to provide this critical information, and its analysis is, therefore, incomplete and misleading.

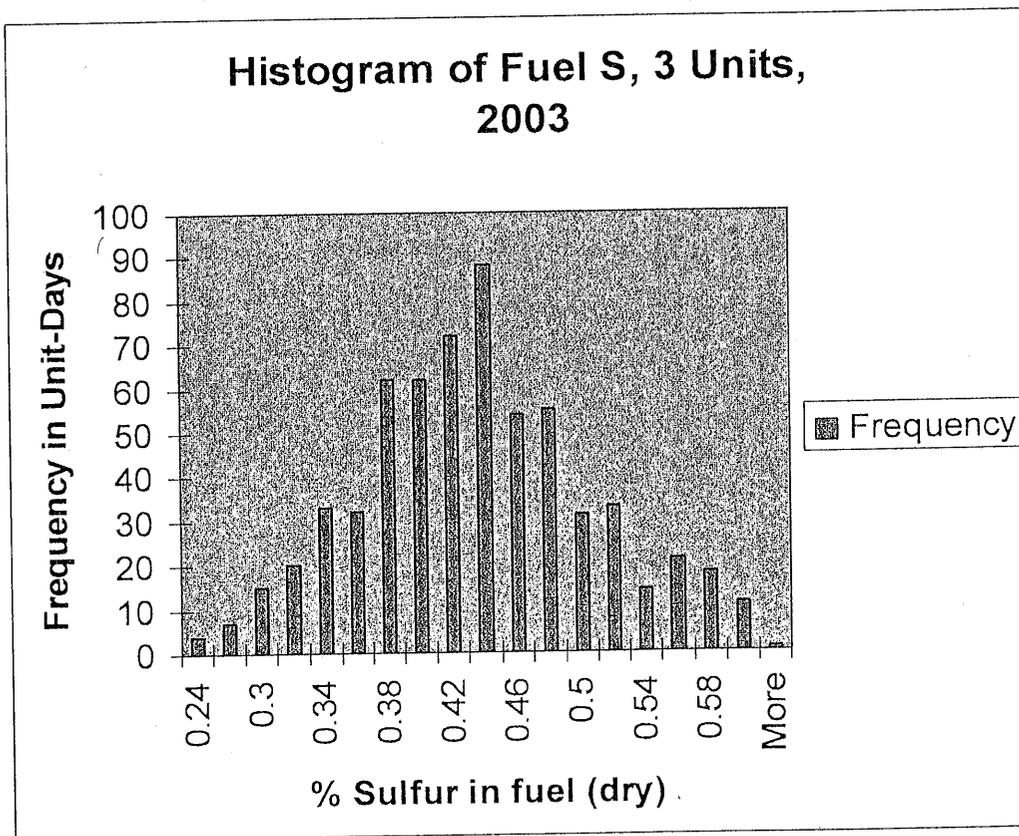
³ Heat input is also the basis for determining NOx allocations under the Clean Air Interstate Rule – in Texas and other states. In other words, the higher the heat input, the more NOx allowances a facility can claim under this system.

As the following charts show, the information that would have allowed the ED to conduct this type of analysis is easily obtainable, from AEP's own self-reported Acid Rain Program data. It is evident that an increase in heat input rate indeed coincides with an increase in SO2 emissions. And, further, when the sulfur content of coal is kept stable, a strong correlation exists. That is, the data clearly demonstrate that as heat input goes up, emissions generally go up.

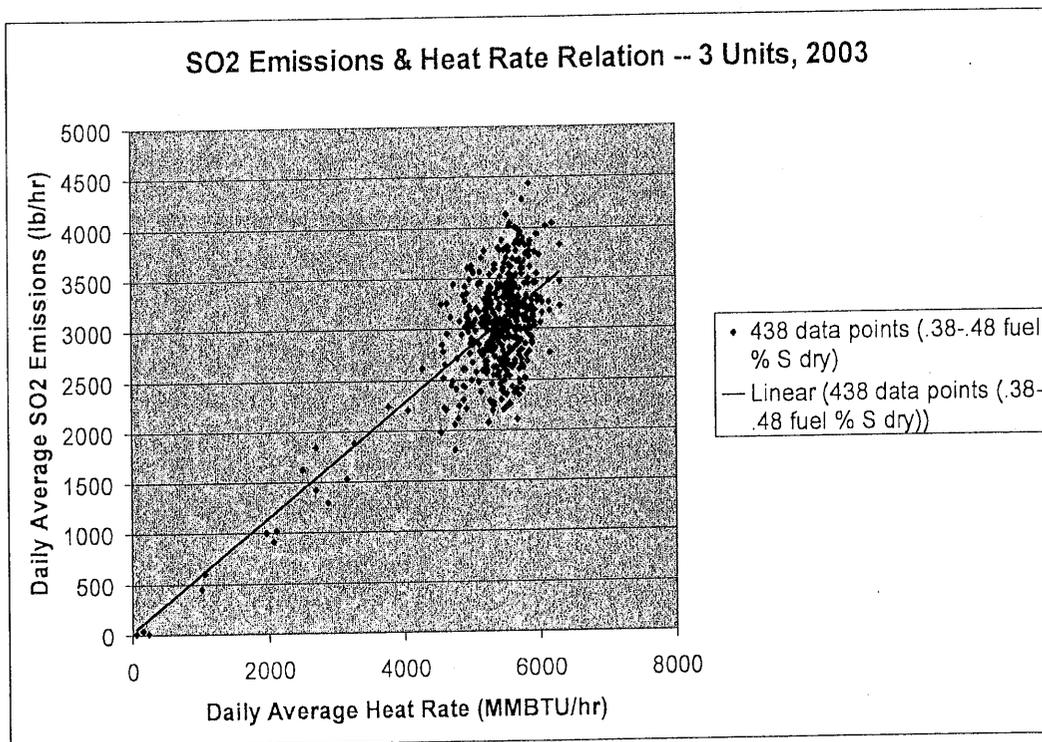
The following chart, based on reported Acid Rain data for the Welsh plant's Unit 1, over three years (2000-2002), shows the correlation between higher heat input rates and SO2 emissions.



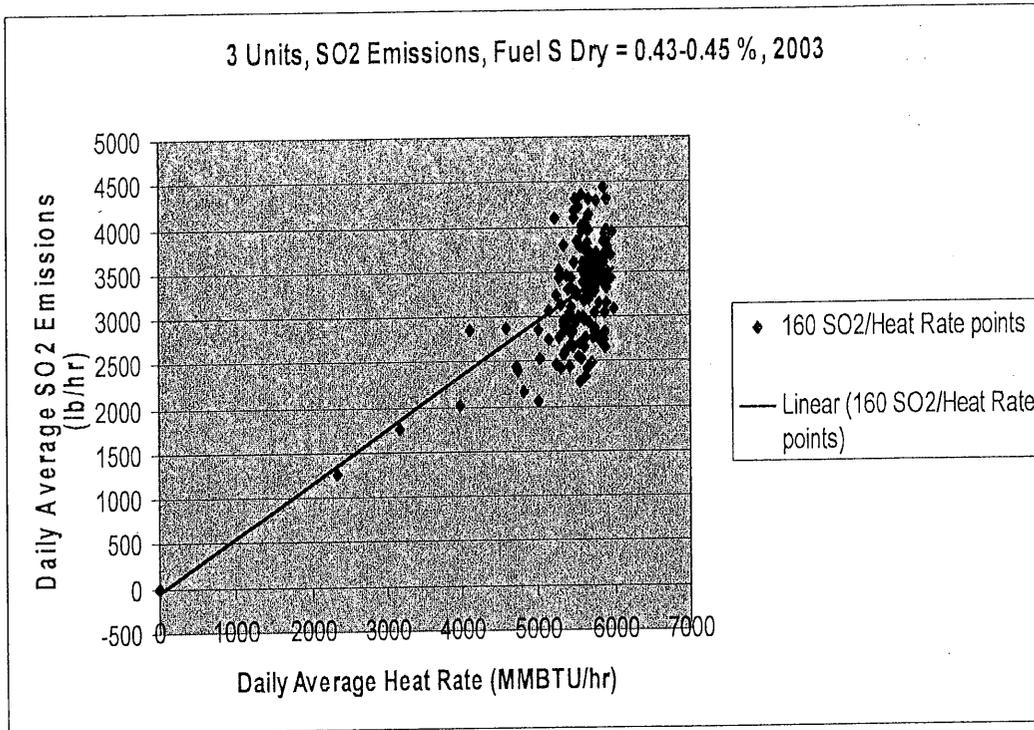
Movants analyzed several years' worth of Acid Rain data and also AEP's own coal sampling data. Using a single year (2003) for illustration, the correlation between heat input rate and sulfur dioxide emissions is undeniable. However, in order to present an accurate picture, Movants have analyzed and present here the corresponding 2003 coal sulfur data – something neither the ED nor AEP have done. In 2003, the coal sulfur content at the Welsh plant varies from approximately 0.24 percent (and below) to 0.66 percent, on a dry-weight basis. Most days, however, the fuel sulfur levels are in the range of 0.38 and 0.48 percent, as shown in the chart, *Histogram of Fuel S, 3 Units (2003)*, below. This chart is also significant because it highlights the fact that it would be very easy to cherry pick days with either low or high fuel sulfur content, and present one snapshot that grossly distorts the impact of heat input on emissions of sulfur dioxide, which is exactly what AEP and the ED have done in their heat rate analyses.



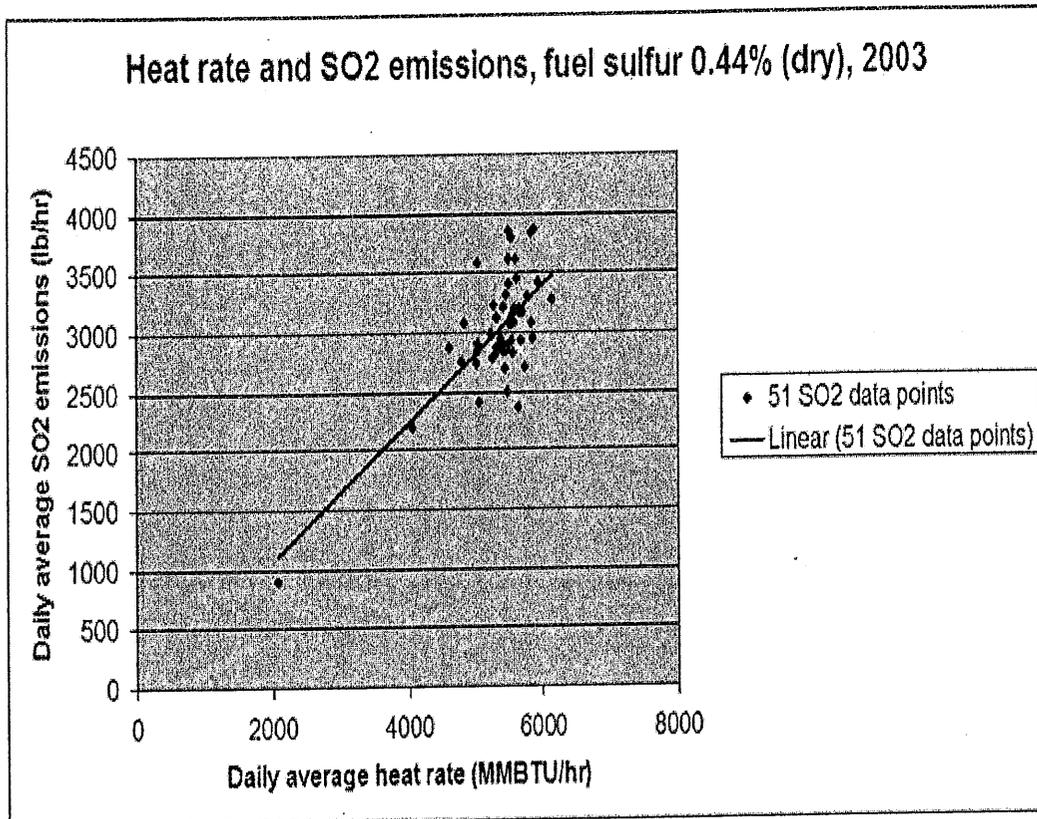
The chart, *SO2 Emissions and Heat Rate Relation (3 units, 2003)*, plots all non-zero emission days when fuel sulfur levels are reported to be between 0.38 and 0.48 percent (inclusive), and shows SO2 emission levels associated with heat input rates. While it is true that there is some spread, the overall trend is crystal clear – the daily average SO2 mass emissions (pounds/hour), rises with daily average heat rate increases.



Narrowing down the range data points, to control for fuel sulfur content (between 0.43 and 0.45 % Sulfur), the trend is still evident.



The chart, *Heat Rate and SO₂ Emissions, Fuel Sulfur 0.44% (dry)*, again depicts the correlation between heat input rates and SO₂ emissions, plotting points corresponding only to days with average 0.44% sulfur coal content.



The data clearly back up what most people would consider common sense: the more coal that goes into the boiler, the greater the emissions.

Movants also undertook a limited regression analysis of the readily available data on the Welsh plant's SO₂ emissions, heat rate, and fuel characteristics, which confirm the importance of heat rate on SO₂ emissions. This analysis is based on calendar year 2003 data taken from the EPA's Acid Rain database (a disk of which is an attachment to this filing) and from the AEP-supplied data on its daily fuel analyses (a hard copy of which data is an attachment to this filing). Exhibit 4 to this filing reproduces the Excel spreadsheets that itemize the 2003 data. Regressing daily average hourly SO₂ emissions against daily average hourly heat rate for 2003 for each unit shows that, though the

relationship between the two varies slightly from unit to unit, the SO₂ data are explained by a sloping line that rises as heat rate rises. See, Exhibit 5. Regressing daily average hourly SO₂ emissions against daily average hourly heat rate, daily average fuel sulfur content, daily average fuel ash content and daily average fuel moisture content shows that heat rate is far and away the dominant variable. The results are Exhibit 6 to this filing.

At higher heat rates, mass rate emissions are invariably higher. In addition, it has long been recognized that higher heat input drives up NO_x emissions, which is why “low NO_x burners” work by controlling the heat level. Likewise, for particulate matter, there are obviously other variables that affect emissions levels – such as the ash content of coal, or the power level of the electrostatic precipitator (ESP). But, it is incorrect and misleading to say that higher heat rates do not result in higher mass emissions, based on reported data.

B. AEP’s Distinction Between “Design” and “Operational” Limits has no Basis in Law

AEP admits that although 5,156 mmBtu was always represented as the maximum “design” capacity for the three units, this does not make it an enforceable permit limit. Amazingly, AEP even admits that this “design” limit was the basis for calculating the plant’s particulate matter (PM) emission rates. See, AEP Resp. Br. at 10.

AEP even admits that some TCEQ-issued permits contain heat input limitations, providing two examples of explicit heat input permit limits. See, AEP Resp. at Exhibit 7. But this fact only proves the point that heat input *is* considered by regulators to be an enforceable permit limitation.

That AEP's pre-alteration heat input permit reference may have been ambiguous – a point that Movants do not concede – is of no moment, especially when it is crystal clear that the applications and renewals relied heavily on this representation, and that emission limits for, *e.g.*, particulate matter, were explicitly based on this maximum operating limit.

As already pointed out, the ED agrees with Movants on this point: The heat input limit of 5,156 mmBtu/hour for each of the three Welsh units, *was* an enforceable permit condition. Further, US EPA considers the maximum heat input “design” capacity (to borrow AEP's preferred terminology) to be an “operational limitation.” *See*, Exhibit 7, February 16, 2005, letter from US EPA Region 4 (Atlanta) to Kentucky Department of Environmental Protection re TVA Paradise Plant Title V permit deficiencies (...“the permit must include maximum heat inputs, or “operational limitations” for boilers...”).

AEP's narrow definition of what constitutes an enforceable permit condition has no basis in law. The state-issued permits (now consolidated into one PSD permit) have always contained the requirement – now found in General Condition No. 1 – that all representations concerning construction plans and operation procedures contained in the permit applications are “conditions upon which the permit is issued.”

The federal Clean Air Act defines an “emission standard or limitation” very broadly to include, *inter alia*, “a schedule or timetable of compliance, emission limitation, standard of performance or emission standard; ... any condition or requirement of a permit under part C of subchapter I of this chapter (relating to significant deterioration of air quality) or part D of subchapter I of this chapter (relating to nonattainment); ... any condition or requirement under an applicable implementation

plan relating to transportation control measures, air quality maintenance plans, vehicle inspection and maintenance programs or vapor recovery requirements; ... any condition or requirement under subchapter VI of this chapter (relating to ozone protection), or any requirement under section 7411 or 7412 of this title (without regard to whether such requirement is expressed as an emission standard or otherwise); or any other standard, limitation, or schedule established under any permit issued pursuant to subchapter V of this chapter or under any applicable State implementation plan approved by the Administrator, any permit term or condition, and any requirement to obtain a permit as a condition of operations, which is in effect under this chapter ... or under an applicable implementation plan.” 42 U.S.C. § 7604(f).

Courts have construed the term “emission standard or limitation” under the Clean Air Act broadly. *See, United States v. Duke Energy Corp.*, 171 F. Supp. 2d 560, 563 (Middle District of N.C. 2001); *United States v. Ethyl Corp.*, 761 F.2d 1153 (5th Cir. 1985).⁴ *See also, Communities for a Better Environment v. Cenco Ref. Co.*, 180 F. Supp. 2d 1062, 1076 (Central D. Cal., 2001) (“Put more simply, an emission standard or limitation is broadly construed as any type of control to reduce the amount of emissions into the air.” Citing, *Citizens for a Better Environment v. Deukmejian*, 731 F. Supp. 1448, 1454 (N.D. Cal. 1990)).

A heat rate limit of 5,156 MMBtu/hr is an objective numerical limit that is unarguably a key constraint on the Welsh plant’s levels of emissions, and is, therefore – as the ED admits – clearly and undeniably an enforceable emission limitation.

⁴ In that case, defendant Ethyl Corporation argued that the regulations in question were work practice standards and not “emission” standards. The Fifth Circuit had “no trouble labeling the regulations as emission rather than work practice standards” based on the fact that the standards were objective numerical limits. *Id.*, at 1157

A heat input limit is a method of controlling emissions, because the more coal that is fed into the boiler, the more pollution that comes out of the stack. This is axiomatic.

The ED attempts to explain away this fact by showing that annual reported heat input and annual reported SO₂ tons are not always directly correlated. *See*, ED Br. at 3. But, as Movants have shown, any reasonable analysis would indicate that increases in heat input cause greater emissions.

III. Changing the Coal Sulfur Limit from Dry- to Wet-Weight Basis Causes an Increase in Emission Rate and a Change in the Method of Control of Sulfur Dioxide

None of the Welsh plant's three units are equipped with a flue gas desulfurizer, which is to say they are "unscrubbed." Therefore, the fuel sulfur content limit of 0.5 percent sulfur is *the* method of control for sulfur dioxide emissions. The ED acknowledges this fact. *See*, ED Br. at 3 ("With regard to methods of control, ... the use of low sulfur coal for control of SO₂ emissions.")

Historically, the reported moisture content of the coal at the Welsh plant is approximately 30 percent. Therefore, 0.5 % sulfur on a wet basis is roughly equivalent to 0.65% sulfur on a dry-weight basis. This permit change would cause significantly more SO₂ emissions.

In 1983, in response to a request by the Hawaiian Electric Company to increase its sulfur fuel oil limits at their Kahe units, from 0.5 percent to 2 percent sulfur, EPA stated: "It has previously been determined that the proposed switch in permitted levels will qualify as a change in the method of operation." *See*, Exhibit Memorandum from Sheldon Meyers, Director, Office of Air Quality Planning and Standards, to David P. Howekamp, Director, Air Management Division, Region IX, "Request by the Hawaiian

Electric Co. to Burn 2.0% Sulfur Fuel Oil at their Kahe Units #1-5”, July 11, 1983 (available at: http://www.epa.gov/ttn/nsr/psd1/p4_26.html). This EPA position was upheld by the courts. Hawaiian Electric Co. v. U.S. EPA, 723 F.2d 1440 (9th Cir. 1984)

There is no dispute that the coal sulfur limit is a method of control and, further, that increasing the coal sulfur limit would increase SO₂ emissions. The only point of disagreement, it appears, is whether the 0.5 percent sulfur limit was *always* intended to be measured on a wet weight basis, as AEP and the ED contend. It was not.

The record clearly indicates that, at the very least, the limit may have changed over time. AEP may not like it, but it can not now simply undo a limit that is clearly more stringent than the one it wanted.

The ED concedes that, if anything, the sulfur limit may have shifted. *See*, ED Resp. Br. at 5 (“Movants arguments ignore how the representation changed over time.”) *See, also*, footnote 6 (... See Attachment D, which are two other Table 6s submitted earlier... which indicates dry weight values are included.”)

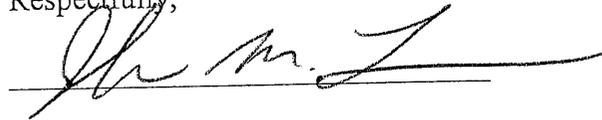
CONCLUSION AND PRAYER FOR RELIEF

For the foregoing reasons, we respectfully request that the Commission overturn the decision of the Executive Director, with instructions to:

1. Rescind the March 20, 2007, letter to American Electric Power;
2. Instruct the ED to conduct a more in depth analysis of the requested permit changes;
3. Refrain from any further action on permit terms which are the subject of pending agency enforcement action; and

4. In the event that further action on the Welsh plant's PSD permit is warranted as part of a compliance plan:
 - a. Ensure that such amendments or alterations actually address, rather than exacerbate, the underlying compliance problem, and
 - b. Conduct a complete PSD review and provide the appropriate public notice if permit changes would allow operational level or emissions increases or changes in the method of control of any pollutant.

Respectfully,



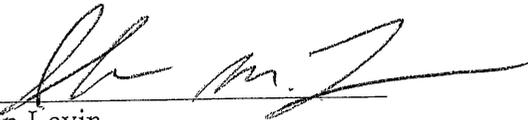
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ATTORNEYS FOR SIERRA CLUB AND PUBLIC
CITIZEN

CERTIFICATE OF SERVICE

I certify that a true and correct copy of the foregoing was delivered to the TCEQ's Office of the Chief Clerk, and was served by hand delivery, fax, and/or U.S. Mail on counsel listed below, on this 30th day of May, 2006.



Ilan Levin

Keith Courtney
Winstead, PC
401 Congress Avenue, Suite 2100
Austin, Texas 78701

EXHIBIT 1

EXHIBIT 2

TCEQ DOCKET NO. 2007-0598-AIR

**BEFORE THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
RE: PERMIT ALTERATION PERMITS 4381 AND PSD-TX-3 WELSH POWER
STATION**

STATE OF MARYLAND

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COUNTY OF ANNE ARUNDEL

AFFIDAVIT OF JOSEPH VAN GEISON

BEFORE ME, the undersigned Notary Public, on this day personally appeared Joseph van Geison, who being duly sworn on his oath deposed and stated as follows:

“My name is Joseph Van Gieson. I am over the age of 21 and am competent in all respects to make this Affidavit.

“I received my Bachelor of Science in Mechanical Engineering from North Carolina State University in 1973. I have 34 years of experience working on power plants as an employee of Carolina Power and Light from 1973 to 1978, and as a consultant to other electric utility companies and to the U.S. Environmental Protection Agency, and the U.S. Department of Justice. My current resume is attached as Exhibit A to this Affidavit.

“I have reviewed the: March 2007 TCEQ authorization relating to the alterations to Permit No. 4381/PSD-TX-3; the permit; the Executive Director’s (ED) Response to the Motion to Overturn dated April 19, 2007; and historic heat input and emissions data for this plant (Acid Rain data and U.S. Department of Energy, Energy Information Administration EIA Form 767 reports).

“A Heat Input limit of 5,156 mmBtu for each of the three boilers is a constraint on emissions. Consequently, removing this limit to allow these boilers to exceed 5,156 mmBtu/hr would cause increases in emission rates of air contaminants. The increased heat input rate that would be allowed to result from the elimination of the heat input rate limit also causes a Change in the Character of Emissions by increasing the velocity and volumetric flow rate, as well as the mass flow rate of pollutants. The elimination of the input rate represents a Change in the Method of Control by eliminating one of the parameters that is a primary factor in determining hourly, daily, and annual emission rates. Exhibit B to this affidavit is a text that I prepared which illustrates the mechanisms by which air pollutants are formed and released by coal-fired electric generating units, including a discussion of why heat input rate affects emission rates of air pollutants.

“The example used in Table 1 of the ED’s response attempts to illustrate the incorrect belief that emission rates are not necessarily related to heat input rate by using actual data obtained from the EPA Acid Rain data reported by AEP for 1998 and 2000 to show that while the annual heat input for the year 2000 increased over the actual heat input rate for the year 1998, the actual SO₂ annual emissions decreased. It is my opinion that the example in Table 1 does not prove the ED’s point because it fails to account for the other major factor that determines SO₂ emissions: the sulfur content of the fuel. Both factors have a direct influence on the calculated SO₂ emission rate. In the case of the years 1998 and 2000, the actual heat input reported to the Acid Rain program increased by approximately 12% to 15% for Welsh Units 1-3. For the years 1998 and 2000, the annual average sulfur content for Welsh units also decreased – by more than 30 %, from approximately 0.40% in 1998, to 0.31% in 2000. Because the effect of heat input rate and coal sulfur content are both directly proportional to the SO₂ emission rate, the decrease in fuel sulfur content has a much greater (by approximately a factor of two times greater) effect on the SO₂ emission rate than the heat input rate and the result was an overall reduction in SO₂ emissions. Had the fuel sulfur content remained approximately 0.40% in 2000, rather than a decrease in SO₂ emissions, there would have been an approximately 12% to 15% increase in SO₂ emissions, attributable to the heat input increase. I have reviewed Acid Rain data for this plant for the years 1998, 2000, and 2003. At higher heat input rates, the mass rate emissions (pounds of sulfur) are invariably higher for a given fuel sulfur content.

“Table 1 of the ED’s response is not useful for illustrating the relationship between the NO_x emissions rate and heat input rate. Increased NO_x emission rates are more likely to be directly related to increased heat input rates than SO₂ emissions because NO_x emissions are not influenced by fuel sulfur content. While unit load (also related to heat input rate) does have an influence on NO_x emissions, the impact is not as directly related to NO_x emissions as the impact fuel sulfur content is related to SO₂ emissions. A comparison of annual NO_x emissions for Welsh Units 1-3 for years 1998 and 2000 does not indicate the type of decrease in emissions seen for SO₂.

“The comparison of emissions and heat input reported to the EPA Acid Rain program for the years 1998 and 2000 is inappropriate because in 1999, EPA promulgated revisions to 40-CFR 75 to require changes in the method of measuring gas flow because inaccuracies caused by the method up to that time had been shown to cause a consistent positive bias in the calculated values for heat input and SO₂ emissions. Data reported for year 2000 would not have been affected by that positive bias, which had been documented to be as high as 10%.

“I have performed an analysis of actual data that accounts for the increased hourly heat input rate above the original permit limit of 5,156 MMBtu/hr as well as the actual hourly emission rates reported for SO₂ and NO_x to the EPA Acid Rain database, and an assumed PM emission rate of 0.03 lb/MMBtu, to demonstrate the actual increase emissions that result when heat input is allowed to exceed the original permit limit. Using data provided to me by counsel which I understand to be obtained from the EPA Acid Rain database for year 2003 I have calculated the increased annual emissions for SO₂, NO_x and PM that

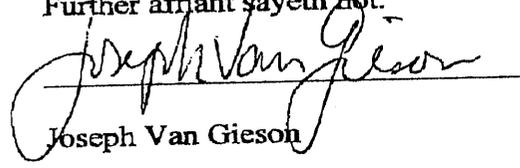
actually occurred for the hours when the Welsh units operated with heat input rates exceeding 5,156 BTU/hr that are associated with the hourly heat input greater than 5,156 MMBTU/hr. The results are below:

Unit	# Hours > 5,156 MMBTU/hr	SO ₂ Tons	NO _x Tons	PM Tons
1	5,307	987.4	307.9	52.4
2	5,237	895.4	632.4	46.5
3	5,296	1036.6	334.2	54.8

“Changing the Coal Sulfur Limit from Dry- to Wet-Weight Basis Causes an Increase in the Emission Rate of Air Contaminants, a Change in the Character of Emissions, and a Change in the Method of Control. The previous permit limit for fuel sulfur content at the Welsh plant established as a dry basis value. This means that the coal was dried by heating to approximately 220°F before the sulfur content was measured. Therefore the total weight that the %S was compared to was lower on a dry basis than on a wet basis due the weight of the moisture removed. When the same amount of sulfur measured in the dry coal is corrected to a wet basis measurement, one divides the dry basis %S by one minus the %moisture/100. Coal with 0.5%S on a wet basis, and a moisture content of 30% (typical for Welsh units 1-3 in 2003) would convert to a 0.65%S dry basis measurement. If the Welsh plant operated using coal with a wet basis sulfur content of 0.5%, the emissions would increase 30% over the emissions if the coal used had a dry basis sulfur content of 0.5%. The character of the emissions would change because of increased gas velocity, volumetric flow rate, and mass emissions rate (in lb/hr). The method of control would change because a different basis would be applied to the sulfur content limit allowing for increased emissions due to the fact that there is no SO₂ control device at Welsh Units 1-3.

“Based on a review of reported heat input, emissions and coal analysis data, the removal of the heat input limit and associated higher heat inputs, and the change in the sulfur fuel limit (from dry to wet weight basis) would result in increases of emissions above the following levels: 10 tpy SO₂; and 5 tpy of NO_x, and PM”

Further affiant sayeth not.


Joseph Van Gieson

SUBSCRIBED AND SWORN TO BEFORE ME on this 30th day of May, 2007.


Notary Public, State of Maryland

JASON FLETCHER
Notary Public
Anne Arundel County
Maryland
My Commission Expires 8/27/2008

EXHIBIT 3

Welsh Power Plant
2000-2006
Coal Burn
Analysis Data - Unit Samples

SWEPCO 06826

Welsh Power Plant
2000 - 2006
Coal Burn
Analysis - Unit Samples

Unit #1					Unit #2					Unit #3				
DATE	%	%	%		DATE	%	%	%		DATE	%	%	%	
	Moisture	Ash	Sulfur (wet)	BTU/lb		Moisture	Ash	Sulfur (wet)	BTU/lb		Moisture	Ash	Sulfur (wet)	BTU/lb
1/1/2000	28.38%	4.64%	0.10%	8643	1/1/2000	28.41%	4.65%	0.10%	8633	1/1/2000	28.40%	4.65%	0.10%	8639
1/2/2000	27.20%	4.25%	0.17%	8884	1/2/2000	27.20%	4.25%	0.17%	8884	1/2/2000	27.20%	4.25%	0.17%	8884
1/3/2000	26.70%	4.35%	0.10%	8906	1/3/2000	26.70%	4.34%	0.10%	8906	1/3/2000	26.70%	4.35%	0.10%	8906
1/4/2000	27.20%	4.25%	0.18%	8885	1/4/2000	27.20%	4.26%	0.17%	8883	1/4/2000	27.20%	4.23%	0.18%	8886
1/5/2000	30.15%	4.40%	0.29%	8514	1/5/2000	30.26%	4.42%	0.29%	8495	1/5/2000	29.09%	4.25%	0.26%	8679
1/6/2000	27.20%	4.25%	0.17%	8884	1/6/2000	27.20%	4.25%	0.17%	8884	1/6/2000	27.20%	4.25%	0.17%	8884
1/7/2000	27.20%	4.25%	0.17%	8884	1/7/2000	27.20%	4.25%	0.17%	8884	1/7/2000	27.20%	4.25%	0.17%	8884
1/8/2000	29.51%	4.62%	0.28%	8553	1/8/2000	28.77%	4.50%	0.25%	8658	1/8/2000	27.20%	4.25%	0.17%	8884
1/9/2000	30.82%	4.54%	0.31%	8365	1/9/2000	0.00%	0.00%	0.00%	0	1/9/2000	29.75%	4.66%	0.30%	8516
1/10/2000	30.06%	4.20%	0.30%	8580	1/10/2000	29.97%	4.15%	0.29%	8580	1/10/2000	30.82%	4.54%	0.31%	8365
1/11/2000	30.00%	4.77%	0.30%	8476	1/11/2000	0.00%	0.00%	0.00%	0	1/11/2000	30.07%	4.20%	0.30%	8581
1/12/2000	29.56%	4.58%	0.28%	8527	1/12/2000	29.30%	4.49%	0.26%	8597	1/11/2000	29.92%	4.75%	0.29%	8479
1/13/2000	27.20%	4.25%	0.17%	8884	1/13/2000	27.20%	4.25%	0.17%	8884	1/12/2000	28.92%	4.44%	0.25%	8655
1/14/2000	28.99%	4.46%	0.24%	8625	1/14/2000	29.04%	4.46%	0.24%	8618	1/13/2000	27.20%	4.25%	0.17%	8884
1/15/2000	29.67%	4.75%	0.27%	8514	1/15/2000	29.66%	4.75%	0.27%	8516	1/14/2000	28.99%	4.46%	0.24%	8625
1/16/2000	29.78%	4.69%	0.33%	8539	1/16/2000	29.78%	4.69%	0.33%	8538	1/15/2000	29.66%	4.75%	0.27%	8516
1/17/2000	30.22%	4.74%	0.33%	8478	1/17/2000	30.43%	4.73%	0.33%	8456	1/16/2000	29.81%	4.70%	0.33%	8531
1/18/2000	29.44%	4.68%	0.32%	8522	1/18/2000	27.65%	4.51%	0.30%	8752	1/17/2000	30.11%	4.76%	0.33%	8482
1/19/2000	28.71%	4.48%	0.23%	8691	1/19/2000	28.23%	4.41%	0.22%	8753	1/18/2000	29.36%	4.67%	0.32%	8533
1/20/2000	27.20%	4.25%	0.17%	8884	1/20/2000	27.20%	4.25%	0.17%	8884	1/19/2000	28.27%	4.41%	0.22%	8749
1/21/2000	29.14%	4.32%	0.26%	8617	1/21/2000	29.53%	4.34%	0.28%	8563	1/20/2000	27.20%	4.25%	0.17%	8884
1/22/2000	30.53%	4.64%	0.32%	8452	1/22/2000	30.78%	4.60%	0.32%	8409	1/21/2000	29.76%	4.35%	0.29%	8531
1/23/2000	30.04%	4.87%	0.39%	8473	1/23/2000	30.25%	4.83%	0.39%	8447	1/22/2000	30.52%	4.64%	0.32%	8455
1/24/2000	27.90%	4.36%	0.24%	8766	1/24/2000	28.54%	4.45%	0.26%	8669	1/23/2000	30.60%	4.75%	0.37%	8403
1/25/2000	30.35%	4.16%	0.27%	8452	1/25/2000	30.43%	4.16%	0.27%	8441	1/24/2000	27.78%	4.34%	0.24%	8783
1/26/2000	27.20%	4.25%	0.17%	8884	1/26/2000	27.20%	4.25%	0.17%	8884	1/25/2000	30.56%	4.15%	0.28%	8424
1/27/2000	27.56%	4.70%	0.20%	8763	1/27/2000	27.59%	4.74%	0.20%	8751	1/26/2000	27.20%	4.25%	0.17%	8884
1/28/2000	29.03%	4.37%	0.29%	8676	1/28/2000	29.01%	4.37%	0.29%	8677	1/27/2000	27.69%	4.87%	0.21%	8717
1/29/2000	27.20%	4.25%	0.17%	8884	1/29/2000	27.20%	4.25%	0.17%	8884	1/28/2000	29.08%	4.37%	0.29%	8669
1/30/2000	30.27%	4.77%	0.37%	8444	1/30/2000	30.23%	4.77%	0.37%	8452	1/29/2000	27.20%	4.25%	0.17%	8884
1/31/2000	30.79%	4.45%	0.32%	8415	1/31/2000	30.76%	4.44%	0.32%	8425	1/30/2000	30.03%	4.79%	0.38%	8485
2/1/2000	28.75%	4.40%	0.26%	8643	2/1/2000	28.84%	4.42%	0.27%	8634	1/31/2000	30.78%	4.45%	0.32%	8418
2/2/2000	30.79%	4.65%	0.33%	8374	2/2/2000	30.78%	4.65%	0.33%	8376	2/1/2000	28.82%	4.41%	0.26%	8635
2/3/2000	30.30%	4.61%	0.32%	8447	2/3/2000	30.39%	4.62%	0.32%	8434	2/2/2000	30.76%	4.65%	0.32%	8377
2/4/2000	30.49%	4.61%	0.30%	8408	2/4/2000	30.46%	4.61%	0.30%	8412	2/3/2000	30.37%	4.62%	0.32%	8438
2/5/2000	28.16%	4.34%	0.25%	8724	2/5/2000	28.02%	4.30%	0.25%	8740	2/4/2000	30.46%	4.61%	0.30%	8412
2/6/2000	29.54%	4.56%	0.28%	8549	2/6/2000	29.54%	4.56%	0.28%	8549	2/5/2000	28.44%	4.34%	0.26%	8683
2/7/2000	29.54%	4.56%	0.28%	8549	2/7/2000	29.54%	4.56%	0.28%	8549	2/6/2000	29.54%	4.56%	0.28%	8549
2/8/2000	28.43%	4.31%	0.28%	8743	2/8/2000	28.56%	4.35%	0.28%	8717	2/7/2000	28.54%	4.56%	0.28%	8549
2/9/2000	30.67%	4.60%	0.33%	8424	2/9/2000	30.67%	4.60%	0.33%	8424	2/8/2000	28.52%	4.34%	0.28%	8722
2/10/2000	29.57%	4.26%	0.32%	8638	2/10/2000	29.58%	4.25%	0.31%	8637	2/9/2000	30.60%	4.60%	0.33%	8436
2/11/2000	29.63%	4.57%	0.29%	8515	2/11/2000	29.58%	4.58%	0.29%	8519	2/10/2000	29.55%	4.26%	0.32%	8639
2/12/2000	28.76%	4.27%	0.29%	8705	2/12/2000	28.64%	4.27%	0.28%	8713	2/11/2000	29.59%	4.58%	0.29%	8516
2/13/2000	29.54%	4.56%	0.28%	8549	2/13/2000	29.54%	4.56%	0.28%	8549	2/12/2000	28.76%	4.27%	0.29%	8705
2/14/2000	29.62%	4.52%	0.32%	8591	2/14/2000	29.63%	4.51%	0.32%	8599	2/13/2000	29.54%	4.56%	0.28%	8549
2/15/2000	28.78%	4.22%	0.29%	8700	2/15/2000	28.58%	4.22%	0.28%	8712	2/14/2000	29.66%	4.49%	0.33%	8612
2/16/2000	29.70%	4.35%	0.31%	8616	2/16/2000	29.75%	4.28%	0.31%	8636	2/15/2000	28.85%	4.22%	0.29%	8695
2/17/2000	29.59%	4.44%	0.31%	8583	2/17/2000	29.64%	4.41%	0.33%	8593	2/16/2000	29.77%	4.28%	0.31%	8636
2/18/2000	28.35%	4.43%	0.25%	8663	2/18/2000	28.07%	4.39%	0.24%	8690	2/17/2000	29.66%	4.44%	0.32%	8585
2/19/2000	29.13%	4.62%	0.31%	8622	2/19/2000	29.09%	4.63%	0.30%	8620	2/18/2000	28.23%	4.41%	0.24%	8675
2/20/2000	26.63%	4.48%	0.21%	8896	2/20/2000	26.63%	4.48%	0.21%	8896	2/19/2000	29.13%	4.62%	0.31%	8621
2/21/2000	29.56%	4.38%	0.31%	8582	2/21/2000	29.56%	4.38%	0.31%	8582	2/20/2000	26.63%	4.48%	0.21%	8896
2/22/2000	30.77%	4.46%	0.31%	8399	2/22/2000	30.81%	4.46%	0.32%	8394	2/21/2000	29.56%	4.38%	0.31%	8582
2/23/2000	29.48%	4.44%	0.30%	8605	2/23/2000	29.43%	4.35%	0.32%	8646	2/22/2000	30.82%	4.46%	0.32%	8392
2/24/2000	30.29%	4.72%	0.33%	8474	2/24/2000	30.50%	4.74%	0.35%	8434	2/23/2000	29.43%	4.34%	0.32%	8649
2/25/2000	28.35%	4.40%	0.28%	8710	2/25/2000	28.63%	4.37%	0.29%	8695	2/24/2000	30.54%	4.74%	0.36%	8426
2/26/2000	29.43%	4.71%	0.32%	8526	2/26/2000	29.12%	4.65%	0.30%	8565	2/25/2000	28.57%	4.38%	0.29%	8698
2/27/2000	28.11%	4.21%	0.22%	8772	2/27/2000	26.74%	3.87%	0.16%	8987	2/26/2000	29.39%	4.70%	0.32%	8530
2/28/2000	30.75%	4.39%	0.31%	8388	2/28/2000	30.75%	4.39%	0.31%	8388	2/27/2000	26.74%	3.87%	0.16%	8987
2/29/2000	30.74%	4.73%	0.38%	8391	2/29/2000	30.75%	4.75%	0.38%	8385	2/28/2000	30.75%	4.39%	0.31%	8388
3/1/2000	30.33%	4.23%	0.30%	8510	3/1/2000	30.34%	4.24%	0.30%	8508	2/29/2000	30.73%	4.71%	0.38%	8395
3/2/2000	30.62%	4.48%	0.34%	8407	3/2/2000	30.51%	4.51%	0.33%	8415	3/1/2000	30.23%	4.22%	0.30%	8522
3/3/2000	29.62%	4.44%	0.30%	8568	3/3/2000	29.62%	4.44%	0.30%	8568	3/2/2000	30.48%	4.57%	0.33%	8411
3/4/2000	31.06%	4.15%	0.30%	8380	3/4/2000	31.06%	4.15%	0.30%	8379	3/3/2000	29.62%	4.44%	0.30%	8568
3/5/2000	28.23%	4.34%	0.20%	8727	3/5/2000	28.11%	4.13%	0.19%	8744	3/4/2000	31.06%	4.36%	0.30%	8381
3/6/2000	30.33%	4.47%	0.35%	8483	3/6/2000	30.38%	4.50%	0.36%	8469	3/5/2000	28.26%	4.14%	0.20%	8721
3/7/2000	30.42%	4.69%	0.32%	8425	3/7/2000	30.41%	4.69%	0.32%	8426	3/6/2000	30.36%	4.49%	0.36%	8475
3/8/2000	30.44%	4.83%	0.36%	8405	3/8/2000	30.45%	4.83%	0.36%	8406	3/7/2000	30.40%	4.69%	0.32%	8429
3/9/2000	30.48%	4.68%	0.36%	8422	3/9/2000	30.48%	4.62%	0.35%	8406	3/8/2000	30.44%	4.85%	0.36%	8405
3/10/2000	29.62%	4.44%	0.30%	8568	3/10/2000	29.62%	4.44%	0.30%	8568	3/9/2000	30.48%	4.67%	0.36%	8422
3/11/2000	30.11%	4.74%	0.35%	8448	3/11/2000	0.00%	0.00%	0.00%	0	3/10/2000	29.62%	4.44%	0.30%	8568
3/12/2000	29.03%	4.49%	0.26%	8612	3/12/2000	0.00%	0.00%	0.00%	0	3/11/2000	30.32%	4.86%	0.38%	8397
3/13/2000	28.93%	4.76%	0.25%	8612	3/13/2000	0.00%	0.00%	0.00%	0	3/12/2000	29.03%	4.49%	0.26%	8612
3/14/2000	30.54%	4.73%	0.36%	8400	3/14/2000	0.00%	0.00%	0.00%	0	3/13/2000	28.78%	4.74%	0.24%	8630
3/15/2000	30.60%	4.70%	0.34%	8422	3/15/2000	0.00%	0.00%	0.00%	0	3/14/2000	30.51%	4.73%	0.36%	8407
3/16/2000	29.62%	4.44%	0.30%	8568	3/16/2000	0.00%	0.00%	0.00%	0	3/15/2000	30.46%	4.71%	0.33%	8456
3/17/2000	29.62%	4.44%	0.30%	8568	3/17/2000	0.00%	0.00%	0.00%	0	3/16/20				

Welsh Power Plant
2000 - 2006
Coal Burn
Analysis - Unit Samples

4/15/2000	29.73%	4.59%	0.31%	8526
4/18/2000	29.73%	4.59%	0.31%	8528
4/17/2000	30.09%	4.57%	0.33%	8479
4/16/2000	27.64%	4.40%	0.20%	8777
4/19/2000	30.15%	5.22%	0.37%	8368
4/20/2000	30.73%	4.93%	0.35%	8341
4/21/2000	30.37%	4.52%	0.35%	8462
4/22/2000	30.79%	4.80%	0.37%	8362
4/23/2000	29.93%	4.60%	0.32%	8539
4/24/2000	29.25%	4.59%	0.27%	8614
4/25/2000	28.17%	4.44%	0.20%	8729
4/26/2000	30.18%	4.85%	0.40%	8464
4/27/2000	30.37%	4.74%	0.38%	8423
4/28/2000	29.92%	4.47%	0.33%	8417
4/29/2000	30.86%	4.61%	0.34%	8349
4/30/2000	30.33%	4.98%	0.29%	8436
5/1/2000	27.81%	4.73%	0.23%	8734
5/2/2000	0.00%	0.00%	0.00%	0
5/3/2000	0.00%	0.00%	0.00%	0
5/4/2000	0.00%	0.00%	0.00%	0
5/5/2000	0.00%	0.00%	0.00%	0
5/6/2000	0.00%	0.00%	0.00%	0
5/7/2000	0.00%	0.00%	0.00%	0
5/8/2000	0.00%	0.00%	0.00%	0
5/9/2000	0.00%	0.00%	0.00%	0
5/10/2000	0.00%	0.00%	0.00%	0
5/11/2000	0.00%	0.00%	0.00%	0
5/12/2000	0.00%	0.00%	0.00%	0
5/13/2000	0.00%	0.00%	0.00%	0
5/14/2000	0.00%	0.00%	0.00%	0
5/15/2000	0.00%	0.00%	0.00%	0
5/16/2000	0.00%	0.00%	0.00%	0
5/17/2000	0.00%	0.00%	0.00%	0
5/18/2000	0.00%	0.00%	0.00%	0
5/19/2000	0.00%	0.00%	0.00%	0
5/20/2000	0.00%	0.00%	0.00%	0
5/21/2000	0.00%	0.00%	0.00%	0
5/22/2000	0.00%	0.00%	0.00%	0
5/23/2000	0.00%	0.00%	0.00%	0
5/24/2000	29.61%	4.77%	0.29%	8504
5/25/2000	29.72%	4.67%	0.31%	8516
5/26/2000	30.44%	4.66%	0.35%	8411
5/27/2000	29.51%	4.71%	0.29%	8559
5/28/2000	30.02%	4.63%	0.33%	8478
5/29/2000	0.00%	0.00%	0.00%	8478
5/30/2000	30.26%	4.67%	0.33%	8471
5/31/2000	29.51%	4.71%	0.29%	8559
6/1/2000	29.51%	4.71%	0.29%	8559
6/2/2000	29.80%	4.52%	0.30%	8526
6/3/2000	30.27%	4.72%	0.37%	8387
6/4/2000	29.72%	4.65%	0.32%	8520
6/5/2000	30.54%	4.97%	0.38%	8379
6/6/2000	28.29%	4.39%	0.22%	8718
6/7/2000	30.25%	4.38%	0.31%	8484
6/8/2000	30.63%	4.49%	0.33%	8400
6/9/2000	29.51%	4.35%	0.34%	8674
6/10/2000	29.94%	4.59%	0.35%	8502
6/11/2000	29.28%	4.46%	0.33%	8601
6/12/2000	29.94%	4.59%	0.35%	8502
6/13/2000	30.70%	4.49%	0.36%	8393
6/14/2000	28.60%	4.53%	0.27%	8664
6/15/2000	29.89%	4.69%	0.36%	8504
6/16/2000	29.80%	4.00%	0.31%	8590
6/17/2000	30.11%	4.62%	0.35%	8469
6/18/2000	29.79%	4.58%	0.35%	8544
6/19/2000	29.94%	4.59%	0.35%	8502
6/20/2000	29.87%	4.64%	0.37%	8545
6/21/2000	30.32%	4.68%	0.36%	8427
6/22/2000	29.98%	4.47%	0.36%	8540
6/23/2000	28.64%	4.51%	0.28%	8704
6/24/2000	29.07%	4.54%	0.30%	8641
6/25/2000	30.14%	4.42%	0.35%	8530
6/26/2000	29.94%	4.59%	0.35%	8502
6/27/2000	27.93%	4.92%	0.32%	8721
6/28/2000	30.14%	4.94%	0.38%	8410
6/29/2000	29.66%	4.47%	0.35%	8569
6/30/2000	29.94%	4.59%	0.35%	8502
7/1/2000	28.19%	4.40%	0.24%	8772
7/2/2000	30.51%	4.71%	0.35%	8366
7/3/2000	30.35%	4.84%	0.38%	8393
7/4/2000	28.79%	4.44%	0.37%	8565
7/5/2000	27.60%	4.44%	0.34%	8653
7/6/2000	28.00%	4.45%	0.39%	8524
7/7/2000	30.14%	4.66%	0.35%	8448
7/8/2000	28.82%	4.48%	0.29%	8619
7/9/2000	29.45%	4.24%	0.27%	8624
7/10/2000	29.12%	4.21%	0.25%	8677
7/11/2000	29.31%	4.57%	0.38%	8453
7/12/2000	29.17%	4.71%	0.36%	8458
7/13/2000	29.36%	4.58%	0.37%	8444
7/14/2000	29.02%	4.68%	0.39%	8449
7/15/2000	28.88%	4.59%	0.38%	8622
7/16/2000	30.54%	4.70%	0.30%	8391
7/17/2000	29.93%	4.86%	0.34%	8425
7/18/2000	29.23%	4.54%	0.37%	8485
7/19/2000	29.35%	4.55%	0.40%	8484
7/20/2000	29.27%	4.61%	0.35%	8446
7/21/2000	29.64%	4.30%	0.31%	8449
7/22/2000	27.53%	4.48%	0.32%	8646
7/23/2000	30.25%	4.61%	0.32%	8449
7/24/2000	29.88%	4.73%	0.38%	8412
7/25/2000	30.24%	4.51%	0.32%	8448
7/26/2000	28.75%	4.68%	0.39%	8475
7/27/2000	28.74%	4.51%	0.37%	8546
7/28/2000	29.93%	4.55%	0.29%	8513
7/29/2000	28.33%	4.62%	0.32%	8644
7/30/2000	28.00%	4.45%	0.39%	8524
7/31/2000	29.27%	4.79%	0.41%	8514
8/1/2000	29.88%	4.58%	0.37%	8504
8/2/2000	30.05%	4.37%	0.29%	8515
8/3/2000	30.00%	4.53%	0.33%	8475

4/15/2000	29.73%	4.59%	0.31%	8526
4/18/2000	29.73%	4.59%	0.31%	8528
4/17/2000	30.23%	4.61%	0.37%	8467
4/16/2000	27.66%	4.32%	0.19%	8790
4/19/2000	30.23%	5.34%	0.38%	8336
4/20/2000	30.73%	4.93%	0.35%	8341
4/21/2000	30.45%	4.55%	0.36%	8437
4/22/2000	30.79%	4.80%	0.37%	8362
4/23/2000	29.92%	4.60%	0.32%	8539
4/24/2000	29.36%	4.59%	0.28%	8602
4/25/2000	27.96%	4.42%	0.19%	8756
4/26/2000	30.22%	4.67%	0.40%	8454
4/27/2000	30.42%	4.75%	0.38%	8415
4/28/2000	29.93%	4.47%	0.33%	8411
4/29/2000	30.86%	4.61%	0.34%	8349
4/30/2000	30.33%	4.98%	0.29%	8437
5/1/2000	30.29%	4.62%	0.38%	8462
5/2/2000	28.81%	4.87%	0.28%	8592
5/3/2000	30.16%	4.67%	0.32%	8501
5/4/2000	29.72%	4.67%	0.31%	8507
5/5/2000	30.72%	4.66%	0.34%	8387
5/6/2000	30.61%	4.65%	0.36%	8407
5/7/2000	29.28%	4.60%	0.32%	8636
5/8/2000	28.11%	4.46%	0.24%	8738
5/9/2000	29.41%	4.64%	0.31%	8598
5/10/2000	30.39%	4.76%	0.34%	8450
5/11/2000	29.72%	4.67%	0.31%	8507
5/12/2000	31.26%	4.33%	0.27%	8322
5/13/2000	29.82%	4.17%	0.27%	8608
5/14/2000	29.81%	4.44%	0.68%	8553
5/15/2000	30.50%	4.81%	0.35%	8387
5/16/2000	30.68%	4.39%	0.33%	8513
5/17/2000	30.51%	4.54%	0.36%	8401
5/18/2000	30.80%	4.53%	0.35%	8391
5/19/2000	29.63%	4.42%	0.31%	8617
5/20/2000	29.72%	4.67%	0.31%	8507
5/21/2000	30.80%	4.80%	0.38%	8344
5/22/2000	28.47%	4.53%	0.24%	8672
5/23/2000	29.82%	4.57%	0.28%	8538
5/24/2000	30.16%	4.91%	0.34%	8402
5/25/2000	29.72%	4.67%	0.31%	8507
5/26/2000	30.65%	4.65%	0.36%	8380
5/27/2000	29.51%	4.71%	0.29%	8559
5/28/2000	30.13%	4.60%	0.33%	8463
5/29/2000	27.35%	4.67%	0.22%	8751
5/30/2000	30.26%	4.67%	0.33%	8471
5/31/2000	29.51%	4.71%	0.29%	8559
6/1/2000	29.51%	4.71%	0.29%	8559
6/2/2000	29.80%	4.52%	0.30%	8526
6/3/2000	30.27%	4.72%	0.37%	8385
6/4/2000	29.94%	4.90%	0.38%	8464
6/5/2000	30.54%	4.97%	0.38%	8379
6/6/2000	28.43%	4.38%	0.23%	8700
6/7/2000	30.17%	4.36%	0.31%	8496
6/8/2000	30.65%	4.48%	0.33%	8396
6/9/2000	29.51%	4.35%	0.34%	8674
6/10/2000	29.94%	4.59%	0.35%	8502
6/11/2000	29.29%	4.46%	0.33%	8599
6/12/2000	0.00%	0.00%	0.00%	0
6/13/2000	30.85%	4.47%	0.34%	8375
6/14/2000	27.57%	4.47%	0.21%	8822
6/15/2000	29.96%	4.79%	0.36%	8482
6/16/2000	29.79%	3.98%	0.31%	8594
6/17/2000	30.13%	4.63%	0.35%	8466
6/18/2000	29.80%	4.58%	0.35%	8542
6/19/2000	29.94%	4.59%	0.35%	8502
6/20/2000	29.82%	4.67%	0.37%	8554
6/21/2000	30.29%	4.67%	0.37%	8429
6/22/2000	29.99%	4.42%	0.37%	8558
6/23/2000	28.67%	4.51%	0.28%	8699
6/24/2000	28.61%	4.51%	0.27%	8713
6/25/2000	30.16%	4.42%	0.35%	8526
6/26/2000	29.94%	4.59%	0.35%	8502
6/27/2000	27.65%	4.98%	0.31%	8748
6/28/2000	30.14%	4.93%	0.38%	8414
6/29/2000	29.46%	4.39%	0.35%	8618
6/30/2000	29.94%	4.59%	0.35%	8502
7/1/2000	16.17%	2.78%	0.12%	9944
7/2/2000	0.00%	0.00%	0.00%	0
7/3/2000	7.52%	1.20%	0.09%	8393
7/4/2000	29.67%	4.50%	0.36%	8586
7/5/2000	26.33%	4.22%	0.33%	8616
7/6/2000	26.67%	4.24%	0.37%	8524
7/7/2000	35.01%	5.40%	0.41%	8435
7/8/2000	38.10%	5.95%	0.39%	8637
7/9/2000	17.40%	2.51%	0.16%	8624
7/10/2000	35.86%	5.18%	0.31%	8672
7/11/2000	31.45%	4.92%	0.42%	8466
7/12/2000	34.70%	5.60%	0.45%	8454
7/13/2000	28.88%	4.51%	0.36%	8451
7/14/2000	31.65%	5.13%	0.43%	8432
7/15/2000	36.12%	5.74%	0.48%	8611
7/16/2000	35.69%	5.51%	0.36%	8392
7/17/2000	29.93%	4.87%	0.34%	8425
7/18/2000	38.04%	5.93%	0.49%	8493
7/19/2000	30.76%	4.78%	0.42%	8485
7/20/2000	32.00%	5.02%	0.35%	8401
7/21/2000	38.62%	5.54%	0.38%	8440
7/22/2000	24.50%	4.04%	0.26%	8705
7/23/2000	26.41%	4.03%	0.28%	8449
7/24/2000	28.58%	4.53%	0.37%	8414
7/25/2000	31.22%	4.65%	0.33%	8448
7/26/2000	21.99%	3.61%	0.29%	8456
7/27/2000	29.29%	4.60%	0.38%	8546
7/28/2000	29.97%	4.50%	0.28%	8516
7/29/2000	34.26%	5.58%	0.39%	8654
7/30/2000	20.63%	3.28%	0.29%	8524
7/31/2000	19.81%	3.24%	0.28%	8517
8/1/2000	29.84%	4.58%	0.36%	8505
8/2/2000	30.06%	4.38%	0.29%	8513
8/3/2000	30.00%</			

Welsh Power Plant
2000 - 2008

Coal Burn

Analysis - Unit Samples

8/4/2000	29.66%	4.72%	0.39%	8,491
8/5/2000	29.88%	4.67%	0.34%	8,468
8/6/2000	27.37%	4.19%	0.23%	8,829
8/7/2000	28.50%	4.24%	0.26%	8,699
8/8/2000	29.90%	4.55%	0.34%	8,490
8/9/2000	30.10%	4.87%	0.33%	8,445
8/10/2000	30.46%	4.64%	0.36%	8,411
8/11/2000	29.72%	4.95%	0.38%	8,453
8/12/2000	29.97%	4.60%	0.35%	8,479
8/13/2000	29.68%	4.60%	0.33%	8,510
8/14/2000	27.35%	4.26%	0.23%	8,849
8/15/2000	29.93%	4.46%	0.32%	8,469
8/16/2000	30.11%	4.75%	0.35%	8,431
8/17/2000	29.74%	4.71%	0.31%	8,532
8/18/2000	29.34%	4.53%	0.33%	8,611
8/19/2000	29.66%	4.58%	0.32%	8,551
8/20/2000	27.88%	4.43%	0.25%	8,728
8/21/2000	29.83%	4.86%	0.36%	8,480
8/22/2000	28.33%	4.16%	0.28%	8,759
8/23/2000	29.68%	4.60%	0.33%	8,510
8/24/2000	30.29%	4.78%	0.38%	8,426
8/25/2000	29.82%	4.57%	0.34%	8,512
8/26/2000	30.19%	4.34%	0.29%	8,492
8/27/2000	29.96%	4.75%	0.38%	8,489
8/28/2000	29.34%	4.57%	0.31%	8,576
8/29/2000	27.96%	4.67%	0.27%	8,728
8/30/2000	29.68%	4.60%	0.33%	8,510
8/31/2000	30.11%	4.60%	0.34%	8,454
9/1/2000	30.02%	4.68%	0.36%	8,438
9/2/2000	29.65%	4.77%	0.35%	8,494
9/3/2000	30.03%	4.64%	0.37%	8,490
9/4/2000	28.95%	4.76%	0.28%	8,566
9/5/2000	29.00%	4.56%	0.32%	8,563
9/6/2000	28.93%	4.94%	0.30%	8,626
9/7/2000	29.59%	4.82%	0.27%	8,552
9/8/2000	29.19%	4.62%	0.33%	8,543
9/9/2000	29.60%	4.82%	0.39%	8,487
9/10/2000	30.00%	4.79%	0.31%	8,639
9/11/2000	29.00%	4.56%	0.32%	8,563
9/12/2000	29.53%	4.79%	0.35%	8,514
9/13/2000	29.00%	4.56%	0.32%	8,563
9/14/2000	28.86%	4.50%	0.31%	8,521
9/15/2000	30.00%	4.48%	0.25%	8,465
9/16/2000	29.00%	4.56%	0.32%	8,563
9/17/2000	30.00%	4.32%	0.31%	8,490
9/18/2000	29.53%	4.27%	0.25%	8,773
9/19/2000	29.54%	4.26%	0.30%	8,533
9/20/2000	29.55%	4.25%	0.30%	8,525
9/21/2000	29.00%	4.84%	0.32%	8,619
9/22/2000	30.00%	4.00%	0.29%	8,517
9/23/2000	29.00%	4.56%	0.32%	8,563
9/24/2000	30.50%	4.00%	0.29%	8,444
9/25/2000	29.00%	4.56%	0.32%	8,563
9/26/2000	27.89%	4.00%	0.26%	8,803
9/27/2000	31.00%	5.00%	0.25%	8,229
9/28/2000	30.46%	4.00%	0.24%	8,445
9/29/2000	29.86%	4.94%	0.30%	8,436
9/30/2000	30.00%	4.00%	0.25%	8,455
10/1/2000	31.00%	4.00%	0.23%	8,435
10/2/2000	30.69%	4.42%	0.24%	8,382
10/3/2000	30.99%	4.21%	0.23%	8,393
10/4/2000	30.76%	4.60%	0.21%	8,352
10/5/2000	30.83%	4.45%	0.22%	8,653
10/6/2000	30.98%	4.34%	0.22%	8,343
10/7/2000	30.56%	4.90%	0.24%	8,351
10/8/2000	30.00%	4.00%	0.30%	8,523
10/9/2000	30.79%	4.62%	0.24%	8,342
10/10/2000	30.00%	4.00%	0.30%	8,523
10/11/2000	31.12%	4.56%	0.24%	8,300
10/12/2000	31.35%	4.54%	0.24%	8,276
10/13/2000	30.49%	4.50%	0.32%	8,406
10/14/2000	30.75%	4.77%	0.33%	8,343
10/15/2000	30.40%	4.86%	0.37%	8,405
10/16/2000	30.22%	4.45%	0.31%	8,460
10/17/2000	30.00%	4.00%	0.30%	8,523
10/18/2000	30.00%	4.00%	0.30%	8,523
10/19/2000	30.69%	4.87%	0.34%	8,395
10/20/2000	30.57%	4.85%	0.34%	8,374
10/21/2000	30.49%	5.02%	0.39%	8,384
10/22/2000	30.80%	4.97%	0.37%	8,342
10/23/2000	30.18%	4.83%	0.31%	8,432
10/24/2000	28.94%	4.47%	0.25%	8,632
10/25/2000	30.29%	4.35%	0.32%	8,450
10/26/2000	30.47%	4.57%	0.33%	8,404
10/27/2000	30.30%	4.28%	0.31%	8,472
10/28/2000	28.74%	4.57%	0.33%	8,699
10/29/2000	30.31%	4.74%	0.35%	8,394
10/30/2000	30.22%	4.53%	0.34%	8,466
10/31/2000	29.45%	4.75%	0.31%	8,559
11/1/2000	31.00%	5.00%	0.30%	8,320
11/2/2000	30.44%	4.54%	0.32%	8,398
11/3/2000	31.00%	5.00%	0.30%	8,320
11/4/2000	30.84%	4.82%	0.32%	8,358
11/5/2000	30.26%	4.60%	0.29%	8,501
11/6/2000	31.00%	5.00%	0.30%	8,320
11/7/2000	31.00%	5.00%	0.30%	8,320
11/8/2000	31.00%	5.00%	0.30%	8,320
11/9/2000	31.00%	5.00%	0.30%	8,320
11/10/2000	29.46%	4.74%	0.28%	8,538
11/11/2000	30.87%	5.10%	0.27%	8,300
11/12/2000	30.32%	5.18%	0.33%	8,348
11/13/2000	31.00%	5.00%	0.30%	8,320
11/14/2000	30.49%	4.84%	0.32%	8,392
11/15/2000	31.00%	5.00%	0.30%	8,320
11/16/2000	31.00%	5.00%	0.30%	8,320
11/17/2000	31.00%	5.00%	0.30%	8,320
11/18/2000	0.00%	0.00%	0.00%	0
11/19/2000	0.00%	0.00%	0.00%	0
11/20/2000	0.00%	0.00%	0.00%	0
11/21/2000	0.00%	0.00%	0.00%	0
11/22/2000	0.00%	0.00%	0.00%	0

8/4/2000	29.66%	4.72%	0.39%	8,490
8/5/2000	29.88%	4.71%	0.34%	8,448
8/6/2000	27.17%	4.15%	0.22%	8,856
8/7/2000	28.28%	4.22%	0.25%	8,732
8/8/2000	29.97%	4.54%	0.35%	8,484
8/9/2000	30.28%	4.97%	0.35%	8,406
8/10/2000	30.45%	4.62%	0.35%	8,414
8/11/2000	29.72%	4.92%	0.38%	8,457
8/12/2000	30.08%	4.59%	0.35%	8,468
8/13/2000	29.68%	4.60%	0.33%	8,510
8/14/2000	27.11%	4.21%	0.21%	8,888
8/15/2000	29.99%	4.42%	0.32%	8,484
8/16/2000	30.09%	4.74%	0.35%	8,434
8/17/2000	29.68%	4.64%	0.30%	8,552
8/18/2000	29.49%	4.55%	0.35%	8,582
8/19/2000	29.86%	4.58%	0.32%	8,551
8/20/2000	28.29%	4.47%	0.26%	8,678
8/21/2000	29.83%	4.86%	0.38%	8,480
8/22/2000	28.17%	4.15%	0.28%	8,782
8/23/2000	29.68%	4.60%	0.33%	8,510
8/24/2000	30.29%	4.79%	0.38%	8,426
8/25/2000	29.98%	4.54%	0.35%	8,515
8/26/2000	30.16%	4.42%	0.30%	8,489
8/27/2000	29.99%	4.77%	0.38%	8,487
8/28/2000	28.82%	4.56%	0.28%	8,638
8/29/2000	29.05%	4.83%	0.31%	8,578
8/30/2000	29.68%	4.60%	0.33%	8,510
8/31/2000	30.12%	4.63%	0.34%	8,449
9/1/2000	30.06%	4.68%	0.36%	8,434
9/2/2000	30.03%	4.89%	0.36%	8,454
9/3/2000	30.01%	4.66%	0.37%	8,490
9/4/2000	29.20%	4.84%	0.28%	8,532
9/5/2000	29.00%	4.56%	0.32%	8,563
9/6/2000	28.93%	4.94%	0.30%	8,626
9/7/2000	29.59%	4.82%	0.27%	8,552
9/8/2000	29.27%	4.65%	0.33%	8,534
9/9/2000	29.61%	4.83%	0.39%	8,486
9/10/2000	30.00%	4.56%	0.32%	8,563
9/11/2000	29.00%	4.56%	0.32%	8,563
9/12/2000	29.57%	4.81%	0.35%	8,511
9/13/2000	29.00%	4.56%	0.32%	8,563
9/14/2000	29.67%	4.38%	0.30%	8,534
9/15/2000	30.00%	4.51%	0.26%	8,463
9/16/2000	29.00%	4.56%	0.32%	8,563
9/17/2000	29.93%	4.00%	0.31%	8,473
9/18/2000	29.68%	4.18%	0.22%	8,836
9/19/2000	29.41%	4.33%	0.30%	8,540
9/20/2000	29.66%	4.19%	0.30%	8,519
9/21/2000	29.00%	4.96%	0.32%	8,642
9/22/2000	30.00%	4.00%	0.30%	8,516
9/23/2000	29.00%	4.56%	0.32%	8,563
9/24/2000	30.49%	4.00%	0.29%	8,445
9/25/2000	29.00%	4.56%	0.32%	8,563
9/26/2000	27.82%	4.00%	0.26%	8,813
9/27/2000	31.00%	5.00%	0.25%	8,229
9/28/2000	30.44%	4.00%	0.24%	8,445
9/29/2000	30.00%	5.00%	0.29%	8,419
9/30/2000	30.00%	4.00%	0.25%	8,457
10/1/2000	31.00%	4.00%	0.23%	8,435
10/2/2000	30.72%	4.44%	0.24%	8,376
10/3/2000	31.03%	4.22%	0.23%	8,388
10/4/2000	30.76%	4.60%	0.21%	8,352
10/5/2000	30.82%	4.46%	0.23%	6,933
10/6/2000	31.10%	4.31%	0.22%	8,340
10/7/2000	30.58%	4.89%	0.24%	8,349
10/8/2000	30.00%	4.00%	0.30%	8,523
10/9/2000	30.84%	4.66%	0.24%	8,331
10/10/2000	30.00%	4.00%	0.30%	8,523
10/11/2000	31.02%	4.51%	0.25%	8,320
10/12/2000	31.39%	4.49%	0.24%	8,273
10/13/2000	30.31%	4.32%	0.31%	8,448
10/14/2000	30.75%	4.77%	0.33%	8,343
10/15/2000	30.40%	4.66%	0.37%	8,405
10/16/2000	30.35%	4.44%	0.31%	8,446
10/17/2000	30.00%	4.00%	0.30%	8,523
10/18/2000	30.00%	4.00%	0.30%	8,523
10/19/2000	30.60%	4.75%	0.34%	8,412
10/20/2000	30.54%	4.81%	0.34%	8,381
10/21/2000	30.48%	5.03%	0.39%	8,385
10/22/2000	30.81%	4.97%	0.37%	8,341
10/23/2000	30.18%	4.85%	0.31%	8,430
10/24/2000	28.79%	4.47%	0.23%	8,651
10/25/2000	30.32%	4.35%	0.32%	8,453
10/26/2000	30.49%	4.54%	0.33%	8,416
10/27/2000	30.35%	4.33%	0.31%	8,462
10/28/2000	28.74%	4.57%	0.33%	8,699
10/29/2000	30.31%	4.74%	0.35%	8,394
10/30/2000	30.23%	4.57%	0.34%	8,462
10/31/2000	29.39%	4.75%	0.30%	8,568
11/1/2000	31.00%	5.00%	0.30%	8,320
11/2/2000	30.45%	4.54%	0.32%	8,399
11/3/2000	31.00%	5.00%	0.30%	8,320
11/4/2000	30.76%	4.74%	0.33%	8,376
11/5/2000	30.13%	4.53%	0.29%	8,533
11/6/2000	31.00%	5.00%	0.30%	8,320
11/7/2000	31.00%	5.00%	0.30%	8,320
11/8/2000	31.00%	5.00%	0.30%	8,320
11/9/2000	31.00%	5.00%	0.30%	8,320
11/10/2000	29.06%	4.67%	0.27%	8,591
11/11/2000	30.86%	5.11%	0.27%	8,298
11/12/2000	30.32%	5.18%	0.33%	8,347
11/13/2000	31.00%	5.00%	0.30%	8,320
11/14/2000				

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11/23/2000	30.22%	4.58%	0.31%	8,418	11/23/2000	30.36%	4.66%	0.31%	8,400	11/23/2000	30.46%	4.71%	0.31%	8,388
11/24/2000	30.86%	4.84%	0.31%	8,346	11/24/2000	30.82%	4.80%	0.31%	8,353	11/24/2000	30.79%	4.75%	0.31%	8,360
11/25/2000	29.94%	4.30%	0.27%	8,582	11/25/2000	29.94%	4.30%	0.27%	8,582	11/25/2000	29.94%	4.30%	0.27%	8,582
11/26/2000	31.00%	5.00%	0.30%	8,320	11/26/2000	0.00%	0.00%	0.00%	0	11/26/2000	31.00%	5.00%	0.30%	8,320
11/27/2000	29.27%	4.53%	0.25%	8,576	11/27/2000	30.15%	4.25%	0.26%	8,497	11/27/2000	29.67%	4.50%	0.26%	8,531
11/28/2000	31.00%	5.00%	0.30%	8,320	11/28/2000	0.00%	0.00%	0.00%	0	11/28/2000	31.00%	5.00%	0.30%	8,320
11/29/2000	30.12%	5.01%	0.28%	8,441	11/29/2000	0.00%	0.00%	0.00%	0	11/29/2000	30.08%	5.01%	0.26%	8,446
11/30/2000	31.00%	5.00%	0.30%	8,320	11/30/2000	0.00%	0.00%	0.00%	0	11/30/2000	31.00%	5.00%	0.30%	8,320
12/1/2000	30.62%	4.89%	0.34%	8,342	12/1/2000	0.00%	0.00%	0.00%	0	12/1/2000	30.60%	4.88%	0.34%	8,346
12/2/2000	29.91%	4.66%	0.29%	8,477	12/2/2000	0.00%	0.00%	0.00%	0	12/2/2000	29.91%	4.66%	0.29%	8,477
12/3/2000	29.02%	4.48%	0.26%	8,560	12/3/2000	0.00%	0.00%	0.00%	0	12/3/2000	28.80%	4.43%	0.25%	8,581
12/4/2000	30.58%	5.03%	0.40%	8,356	12/4/2000	0.00%	0.00%	0.00%	0	12/4/2000	30.58%	5.03%	0.40%	8,356
12/5/2000	29.91%	4.66%	0.29%	8,477	12/5/2000	29.94%	4.30%	0.27%	8,582	12/5/2000	29.91%	4.66%	0.29%	8,477
12/6/2000	30.24%	4.72%	0.33%	8,436	12/6/2000	29.94%	4.30%	0.27%	8,582	12/6/2000	30.15%	4.70%	0.32%	8,448
12/7/2000	29.91%	4.66%	0.29%	8,477	12/7/2000	29.91%	4.66%	0.29%	8,477	12/7/2000	29.91%	4.66%	0.29%	8,477
12/8/2000	29.87%	4.57%	0.30%	8,511	12/8/2000	29.91%	4.66%	0.29%	8,477	12/8/2000	29.86%	4.55%	0.30%	8,516
12/9/2000	30.36%	4.48%	0.35%	8,445	12/9/2000	29.86%	4.54%	0.31%	8,519	12/9/2000	29.86%	4.55%	0.30%	8,516
12/10/2000	30.33%	4.77%	0.35%	8,425	12/10/2000	30.22%	4.53%	0.33%	8,455	12/10/2000	30.22%	4.54%	0.33%	8,455
12/11/2000	29.91%	4.66%	0.29%	8,477	12/11/2000	0.00%	0.00%	0.00%	0	12/11/2000	29.46%	4.79%	0.29%	8,516
12/12/2000	30.23%	4.64%	0.30%	8,452	12/12/2000	28.88%	4.80%	0.25%	8,576	12/12/2000	29.91%	4.66%	0.29%	8,477
12/13/2000	29.91%	4.66%	0.29%	8,477	12/13/2000	30.49%	4.62%	0.31%	8,432	12/13/2000	30.29%	4.63%	0.30%	8,448
12/14/2000	29.91%	4.66%	0.29%	8,477	12/14/2000	29.91%	4.68%	0.29%	8,477	12/14/2000	29.91%	4.66%	0.29%	8,477
12/15/2000	29.50%	4.60%	0.33%	8,577	12/15/2000	29.91%	4.66%	0.29%	8,477	12/15/2000	29.91%	4.66%	0.29%	8,477
12/16/2000	30.00%	4.77%	0.33%	8,461	12/16/2000	29.25%	4.56%	0.35%	8,636	12/16/2000	29.25%	4.56%	0.35%	8,636
12/17/2000	29.03%	4.76%	0.24%	8,710	12/17/2000	30.12%	4.91%	0.38%	8,441	12/17/2000	30.04%	4.82%	0.35%	8,454
12/18/2000	29.26%	4.52%	0.27%	8,574	12/18/2000	28.03%	4.76%	0.24%	8,710	12/18/2000	28.03%	4.76%	0.24%	8,710
12/19/2000	29.91%	4.66%	0.29%	8,477	12/19/2000	29.52%	4.57%	0.28%	8,535	12/19/2000	29.33%	4.53%	0.27%	8,564
12/20/2000	30.28%	4.68%	0.33%	8,435	12/20/2000	29.91%	4.66%	0.29%	8,477	12/20/2000	29.91%	4.66%	0.29%	8,477
12/21/2000	30.01%	4.68%	0.31%	8,466	12/21/2000	30.29%	4.68%	0.33%	8,434	12/21/2000	30.30%	4.68%	0.33%	8,434
12/22/2000	30.11%	4.68%	0.32%	8,455	12/22/2000	30.00%	4.68%	0.30%	8,468	12/22/2000	30.07%	4.69%	0.31%	8,460
12/23/2000	29.41%	4.66%	0.27%	8,536	12/23/2000	30.08%	4.67%	0.32%	8,458	12/23/2000	30.03%	4.67%	0.31%	8,464
12/24/2000	28.72%	4.59%	0.28%	8,655	12/24/2000	29.08%	4.67%	0.25%	8,575	12/24/2000	29.17%	4.67%	0.25%	8,564
12/25/2000	29.91%	4.66%	0.29%	8,477	12/25/2000	28.70%	4.59%	0.28%	8,659	12/25/2000	28.60%	4.58%	0.27%	8,674
12/26/2000	29.91%	4.66%	0.29%	8,477	12/26/2000	29.91%	4.66%	0.29%	8,477	12/26/2000	29.91%	4.66%	0.29%	8,477
12/27/2000	29.91%	4.66%	0.29%	8,477	12/27/2000	29.91%	4.66%	0.29%	8,477	12/27/2000	29.91%	4.66%	0.29%	8,477
12/28/2000	29.91%	4.66%	0.29%	8,477	12/28/2000	29.91%	4.66%	0.29%	8,477	12/28/2000	29.91%	4.66%	0.29%	8,477
12/29/2000	28.73%	4.34%	0.25%	8,666	12/29/2000	28.85%	4.37%	0.26%	8,548	12/29/2000	28.90%	4.39%	0.25%	8,639
12/30/2000	28.07%	5.05%	0.25%	8,651	12/30/2000	28.05%	5.05%	0.25%	8,653	12/30/2000	28.03%	5.06%	0.25%	8,655
12/31/2000	28.58%	4.48%	0.26%	8,692	12/31/2000	28.46%	4.51%	0.26%	8,695	12/31/2000	29.00%	4.37%	0.27%	8,681

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Unit #1					Unit #2					Unit #3				
DATE	%	%	%		DATE	%	%	%		DATE	%	%	%	
	Moisture	Ash	Sulfur (wet)	BTU/lb		Moisture	Ash	Sulfur (wet)	BTU/lb		Moisture	Ash	Sulfur (wet)	BTU/lb
1/1/2001	30.12%	4.48%	0.30%	8,475	1/1/2001	30.12%	4.48%	0.30%	8,475	1/1/2001	30.21%	4.40%	0.30%	8,474
1/2/2001	29.84%	4.68%	0.28%	8,493	1/2/2001	29.80%	4.69%	0.28%	8,502	1/2/2001	29.80%	4.69%	0.28%	8,502
1/3/2001	29.91%	4.66%	0.29%	8,477	1/3/2001	29.91%	4.66%	0.29%	8,477	1/3/2001	29.91%	4.66%	0.29%	8,477
1/4/2001	29.91%	4.66%	0.29%	8,477	1/4/2001	29.91%	4.66%	0.29%	8,477	1/4/2001	29.91%	4.66%	0.29%	8,477
1/5/2001	29.07%	5.33%	0.34%	8,535	1/5/2001	29.38%	5.15%	0.32%	8,580	1/5/2001	28.42%	5.40%	0.32%	8,668
1/6/2001	28.95%	4.45%	0.28%	8,656	1/6/2001	28.98%	4.39%	0.25%	8,657	1/6/2001	28.80%	4.46%	0.24%	8,670
1/7/2001	30.38%	4.96%	0.33%	8,385	1/7/2001	30.66%	4.81%	0.34%	8,385	1/7/2001	30.66%	4.81%	0.34%	8,385
1/8/2001	30.05%	4.77%	0.29%	8,462	1/8/2001	30.45%	4.54%	0.32%	8,463	1/8/2001	30.46%	4.55%	0.32%	8,463
1/9/2001	30.14%	4.60%	0.31%	8,457	1/9/2001	30.67%	4.68%	0.33%	8,459	1/9/2001	30.66%	4.69%	0.33%	8,460
1/10/2001	28.90%	4.60%	0.30%	8,593	1/10/2001	30.09%	4.82%	0.32%	8,537	1/10/2001	29.10%	4.82%	0.30%	8,617
1/11/2001	30.16%	4.67%	0.31%	8,454	1/11/2001	30.45%	4.66%	0.30%	8,448	1/11/2001	30.53%	4.66%	0.31%	8,444
1/12/2001	29.91%	4.66%	0.29%	8,477	1/12/2001	29.91%	4.66%	0.29%	8,477	1/12/2001	29.91%	4.66%	0.29%	8,477
1/13/2001	29.91%	4.66%	0.29%	8,477	1/13/2001	29.91%	4.66%	0.29%	8,477	1/13/2001	29.91%	4.66%	0.29%	8,477
1/14/2001	29.31%	4.49%	0.34%	8,649	1/14/2001	30.16%	4.25%	0.31%	8,695	1/14/2001	30.11%	4.34%	0.31%	8,649
1/15/2001	29.98%	4.59%	0.31%	8,471	1/15/2001	29.22%	4.75%	0.31%	8,592	1/15/2001	29.93%	4.66%	0.32%	8,524
1/16/2001	30.41%	4.58%	0.34%	8,439	1/16/2001	30.88%	4.85%	0.36%	8,435	1/16/2001	30.83%	4.84%	0.36%	8,432
1/17/2001	30.60%	4.63%	0.30%	8,390	1/17/2001	31.13%	4.46%	0.32%	8,398	1/17/2001	31.10%	4.45%	0.32%	8,392
1/18/2001	28.00%	4.23%	0.24%	8,726	1/18/2001	27.69%	4.87%	0.21%	8,726	1/18/2001	27.69%	4.87%	0.21%	8,726
1/19/2001	29.93%	4.74%	0.31%	8,469	1/19/2001	30.69%	4.60%	0.31%	8,465	1/19/2001	30.73%	4.60%	0.31%	8,465
1/20/2001	29.91%	4.66%	0.29%	8,477	1/20/2001	29.91%	4.66%	0.29%	8,477	1/20/2001	29.91%	4.66%	0.29%	8,477
1/21/2001	29.40%	4.57%	0.34%	8,598	1/21/2001	30.08%	4.81%	0.31%	8,607	1/21/2001	30.08%	4.81%	0.31%	8,605
1/22/2001	28.74%	4.47%	0.25%	8,627	1/22/2001	28.60%	4.37%	0.26%	8,665	1/22/2001	28.73%	4.40%	0.26%	8,646
1/23/2001	29.41%	4.59%	0.34%	8,604	1/23/2001	30.44%	4.62%	0.33%	8,561	1/23/2001	30.43%	4.60%	0.33%	8,597
1/24/2001	29.98%	4.55%	0.35%	8,509	1/24/2001	30.37%	4.55%	0.31%	8,523	1/24/2001	30.95%	4.45%	0.32%	8,472
1/25/2001	29.77%	4.98%	0.33%	8,498	1/25/2001	30.09%	4.65%	0.31%	8,496	1/25/2001	30.13%	4.65%	0.31%	8,501
1/26/2001	29.05%	4.49%	0.30%	8,579	1/26/2001	29.30%	4.43%	0.29%	8,550	1/26/2001	29.74%	4.49%	0.30%	8,506
1/27/2001	29.91%	4.66%	0.29%	8,477	1/27/2001	29.91%	4.66%	0.29%	8,477	1/27/2001	29.91%	4.66%	0.29%	8,477
1/28/2001	30.23%	4.55%	0.32%	8,443	1/28/2001	30.81%	4.55%	0.30%	8,442	1/28/2001	30.84%	4.54%	0.30%	8,441
1/29/2001	30.14%	4.73%	0.39%	8,463	1/29/2001	30.57%	4.62%	0.31%	8,465	1/29/2001	30.62%	4.62%	0.31%	8,464
1/30/2001	29.84%	4.38%	0.33%	8,583	1/30/2001	30.21%	4.74%	0.31%	8,572	1/30/2001	30.19%	4.74%	0.31%	8,569
1/31/2001	29.94%	4.57%	0.30%	8,498	1/31/2001	29.37%	4.96%	0.39%	8,528	1/31/2001	29.40%	4.94%	0.39%	8,526
2/1/2001	29.18%	4.43%	0.26%	8,630	2/1/2001	29.12%	4.44%	0.26%	8,633	2/1/2001	29.40%	4.94%	0.39%	8,526
2/2/2001	30.33%	4.73%	0.36%	8,424	2/2/2001	30.34%	4.75%	0.36%	8,420	2/2/2001	28.91%	4.45%	0.24%	8,643
2/3/2001	0.00%	4.62%	0.32%	8,534	2/3/2001	29.65%	4.62%	0.32%	8,534	2/3/2001	30.36%	4.71%	0.36%	8,424
2/4/2001	29.65%	4.62%	0.32%	8,534	2/4/2001	29.65%	4.62%	0.32%	8,534	2/4/2001	29.65%	4.62%	0.32%	8,534
2/5/2001	28.16%	4.43%	0.22%	8,739	2/5/2001	28.19%	4.44%	0.22%	8,735	2/5/2001	29.65%	4.62%	0.32%	8,534
2/6/2001	30.15%	4.89%	0.36%	8,435	2/6/2001	30.09%	4.86%	0.36%	8,447	2/6/2001	28.48%	4.47%	0.24%	8,695
2/7/2001	29.95%	4.91%	0.37%	8,484	2/7/2001	30.03%	4.92%	0.37%	8,466	2/7/2001	30.28%	4.96%	0.37%	8,409
2/8/2001	29.66%	4.53%	0.37%	8,616	2/8/2001	29.63%	4.55%	0.37%	8,618	2/8/2001	29.79%	4.83%	0.38%	8,533
2/9/2001	30.13%	4.55%	0.35%	8,428	2/9/2001	30.12%	4.55%	0.35%	8,431	2/9/2001	29.64%	4.54%	0.37%	8,617
2/10/2001	29.65%	4.62%	0.32%	8,534	2/10/2001	29.65%	4.62%	0.32%	8,534	2/10/2001	30.09%	4.55%	0.35%	8,438
2/11/2001	29.65%	4.62%	0.32%	8,534	2/11/2001	29.65%	4.62%	0.32%	8,534	2/11/2001	29.65%	4.62%	0.32%	8,534
2/12/2001	30.15%	4.68%	0.33%	8,447	2/12/2001	30.09%	4.67%	0.33%	8,457	2/12/2001	29.65%	4.62%	0.32%	8,534
2/13/2001	29.98%	4.76%	0.33%	8,458	2/13/2001	29.97%	4.76%	0.33%	8,459	2/13/2001	30.01%	4.66%	0.32%	8,472
2/14/2001	30.32%	4.75%	0.35%	8,412	2/14/2001	30.32%	4.75%	0.35%	8,412	2/13/2001	29.97%	4.76%	0.33%	8,460
2/15/2001	30.20%	4.56%	0.33%	8,451	2/15/2001	30.31%	4.56%	0.33%	8,447	2/14/2001	30.34%	4.73%	0.34%	8,416
2/16/2001	29.16%	4.56%	0.29%	8,604	2/16/2001	29.21%	4.57%	0.29%	8,597	2/15/2001	30.33%	4.56%	0.33%	8,444
2/17/2001	29.14%	4.56%	0.28%	8,608	2/17/2001	29.27%	4.57%	0.29%	8,589	2/16/2001	29.65%	4.62%	0.32%	8,534
2/18/2001	29.09%	4.51%	0.29%	8,651	2/18/2001	29.03%	4.50%	0.29%	8,660	2/17/2001	29.31%	4.58%	0.30%	8,582
2/19/2001	30.60%	4.58%	0.33%	8,461	2/19/2001	30.56%	4.58%	0.33%	8,464	2/18/2001	29.04%	4.51%	0.29%	8,654
2/20/2001	30.37%	4.51%	0.33%	8,416	2/20/2001	30.37%	4.51%	0.33%	8,416	2/19/2001	30.70%	4.58%	0.33%	8,453
2/21/2001	30.54%	4.71%	0.33%	8,406	2/21/2001	30.45%	4.71%	0.33%	8,418	2/20/2001	30.37%	4.51%	0.33%	8,417
2/22/2001	30.01%	4.67%	0.31%	8,458	2/22/2001	30.02%	4.67%	0.31%	8,457	2/21/2001	30.52%	4.71%	0.33%	8,408
2/23/2001	29.65%	4.62%	0.32%	8,534	2/23/2001	29.65%	4.62%	0.32%	8,534	2/22/2001	30.02%	4.67%	0.31%	8,457
2/24/2001	30.02%	4.67%	0.33%	8,453	2/24/2001	29.96%	4.66%	0.33%	8,466	2/23/2001	29.65%	4.62%	0.32%	8,534
2/25/2001	29.65%	4.62%	0.32%	8,534	2/25/2001	29.65%	4.62%	0.32%	8,534	2/24/2001	30.07%	4.68%	0.33%	8,443
2/26/2001	28.40%	4.59%	0.27%	8,701	2/26/2001	28.46%	4.58%	0.28%	8,697	2/25/2001	29.65%	4.62%	0.32%	8,534
2/27/2001	30.18%	4.77%	0.34%	8,472	2/27/2001	30.27%	4.74%	0.35%	8,451	2/26/2001	28.42%	4.58%	0.27%	8,699
2/28/2001	29.65%	4.62%	0.32%	8,534	2/28/2001	29.65%	4.62%	0.32%	8,534	2/27/2001	30.26%	4.73%	0.34%	8,462
3/1/2001	29.82%	4.66%	0.32%	8,506	3/1/2001	29.82%	4.66%	0.32%	8,506	2/28/2001	29.65%	4.62%	0.32%	8,534
3/2/2001	30.59%	4.51%	0.34%	8,442	3/2/2001	30.59%	4.46%	0.33%	8,456	3/1/2001	29.82%	4.66%	0.32%	8,506
3/3/2001	0.00%	4.77%	0.38%	8,386	3/3/2001	30.57%	4.78%	0.38%	8,387	3/2/2001	30.59%	4.48%	0.34%	8,450
3/4/2001	30.15%	4.65%	0.32%	8,455	3/4/2001	30.07%	4.65%	0.32%	8,467	3/3/2001	30.61%	4.75%	0.39%	8,385
3/5/2001	28.71%	4.56%	0.29%	8,663	3/5/2001	28.79%	4.57%	0.29%	8,652	3/4/2001	30.17%	4.65%	0.32%	8,451
3/6/2001	29.49%	4.86%	0.31%	8,523	3/6/2001	29.18%	4.77%	0.30%	8,570	3/5/2001	28.79%	4.57%	0.29%	8,652
3/7/2001	30.49%	5.02%	0.41%	8,387	3/7/2001	30.48%	5.03%	0.41%	8,386	3/6/2001	28.89%	4.80%	0.29%	8,605
3/8/2001	30.46%	4.70%	0.37%	8,407	3/8/2001	30.46%	4.71%	0.38%	8,405	3/7/2001	30.48%	5.04%	0.42%	8,385
3/9/2001	29.45%	4.97%	0.40%	8,564	3/9/2001	29.19%	5.19%	0.45%	8,604	3/8/2001	30.45%	4.73%	0.38%	8,403
3/10/2001	30.22%	4.71%	0.35%	8,491	3/10/2001	30.28%	4.73%	0.36%	8,479	3/9/2001	29.32%	5.08%	0.42%	8,583
3/11/2001	29.82%	4.66%	0.32%	8,506	3/11/2001	29.82%	4.66%	0.32%	8,506	3/10/2001	30.33%	4.75%	0.36%	8,469
3/12/2001	30.07%	4.69%	0.36%	8,478	3/12/2001	30.13%	4.70%	0.36%	8,471	3/11/2001	29.82%	4.66%	0.32%	8,506
3/13/2001	29.99%	4.82%	0.35%	8,458	3/13/2001	29.99%	4.83%	0.35%	8,456	3/12/2001	30.12%	4.70%	0.36%	8,473
3/14/2001	28.55%	4.82%	0.29%	8,636	3/14/2001	28.88%	4.79%	0.31%	8,602	3/13/2001	30.02%	4.85%	0.35%	8,448
3/15/2001	28.40%	4.46%	0.27%	8,707	3/15/2001	28.22%	4.44%	0.26%	8,733	3/14/2001	28.60%	4.80%	0.29%	8,632
3/16/2001	29.97%	4.57%	0.32%	8,534	3/16/2001	29.98%	4.49%	0.32%	8,545	3/15/2001	27.87%	4.39%	0.25%	8,783
3/17/200														

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4/16/2001	29.74%	4.73%	0.34%	8,515
4/17/2001	29.74%	4.73%	0.34%	8,515
4/18/2001	30.59%	4.72%	0.37%	8,395
4/19/2001	30.76%	4.73%	0.35%	8,364
4/20/2001	30.85%	4.56%	0.35%	8,378
4/21/2001	30.14%	4.74%	0.36%	8,436
4/22/2001	29.46%	4.48%	0.27%	8,585
4/23/2001	28.66%	4.77%	0.27%	8,647
4/24/2001	29.74%	4.73%	0.34%	8,515
4/25/2001	29.74%	4.73%	0.34%	8,515
4/26/2001	29.87%	4.73%	0.34%	8,516
4/27/2001	30.52%	4.93%	0.38%	8,385
4/28/2001	30.06%	4.82%	0.36%	8,460
4/29/2001	29.74%	4.73%	0.34%	8,515
4/30/2001	28.77%	4.79%	0.29%	8,585
5/1/2001	29.28%	4.53%	0.26%	8,604
5/2/2001	30.48%	4.58%	0.31%	8,435
5/3/2001	0.00%	4.70%	0.37%	8,360
5/4/2001	30.22%	4.42%	0.31%	8,487
5/5/2001	30.55%	4.71%	0.40%	8,395
5/6/2001	30.22%	4.67%	0.34%	8,450
5/7/2001	29.63%	4.55%	0.33%	8,527
5/8/2001	30.03%	4.23%	0.27%	8,567
5/9/2001	28.90%	4.45%	0.25%	8,654
5/10/2001	29.93%	4.62%	0.35%	8,504
5/11/2001	29.86%	4.49%	0.31%	8,556
5/12/2001	30.22%	4.67%	0.34%	8,450
5/13/2001	30.35%	4.83%	0.37%	8,414
5/14/2001	30.43%	4.82%	0.37%	8,414
5/15/2001	30.22%	4.67%	0.34%	8,450
5/16/2001	28.06%	4.55%	0.30%	8,777
5/17/2001	29.46%	4.56%	0.34%	8,556
5/18/2001	29.44%	4.70%	0.32%	8,508
5/19/2001	28.82%	4.76%	0.33%	8,592
5/20/2001	30.57%	4.68%	0.36%	8,371
5/21/2001	29.86%	5.04%	0.41%	8,463
5/22/2001	30.43%	4.84%	0.34%	8,398
5/23/2001	29.03%	4.44%	0.25%	8,638
5/24/2001	30.19%	4.67%	0.35%	8,490
5/25/2001	29.33%	4.55%	0.37%	8,603
5/26/2001	30.33%	4.99%	0.40%	8,412
5/27/2001	28.48%	4.84%	0.26%	8,631
5/28/2001	29.86%	5.04%	0.41%	8,460
5/29/2001	30.46%	4.67%	0.32%	8,409
5/30/2001	30.17%	5.09%	0.40%	8,402
5/31/2001	30.46%	4.60%	0.41%	8,429
6/1/2001	28.81%	4.71%	0.30%	8,619
6/2/2001	29.67%	4.66%	0.33%	8,525
6/3/2001	0.00%	5.33%	0.39%	8,449
6/4/2001	30.28%	4.68%	0.39%	8,436
6/5/2001	30.06%	4.78%	0.39%	8,462
6/6/2001	30.02%	4.63%	0.39%	8,486
6/7/2001	29.90%	4.79%	0.35%	8,462
6/8/2001	29.94%	4.72%	0.34%	8,484
6/9/2001	28.80%	4.63%	0.28%	8,641
6/10/2001	30.17%	5.03%	0.37%	8,395
6/11/2001	30.20%	4.94%	0.31%	8,385
6/12/2001	29.67%	4.66%	0.33%	8,525
6/13/2001	29.62%	4.55%	0.31%	8,545
6/14/2001	28.25%	4.74%	0.24%	8,670
6/15/2001	30.15%	4.96%	0.41%	8,430
6/16/2001	30.13%	4.64%	0.36%	8,467
6/17/2001	29.67%	4.66%	0.33%	8,525
6/18/2001	30.26%	4.61%	0.34%	8,457
6/19/2001	29.07%	4.68%	0.29%	8,586
6/20/2001	29.67%	4.66%	0.33%	8,525
6/21/2001	29.88%	4.69%	0.32%	8,510
6/22/2001	0.00%	0.00%	0.00%	0
6/23/2001	0.00%	0.00%	0.00%	0
6/24/2001	29.27%	4.76%	0.35%	8,609
6/25/2001	30.31%	5.02%	0.39%	8,395
6/26/2001	29.34%	4.19%	0.29%	8,650
6/27/2001	29.67%	4.66%	0.33%	8,525
6/28/2001	27.12%	4.38%	0.21%	8,655
6/29/2001	30.01%	4.66%	0.34%	8,454
6/30/2001	30.21%	4.93%	0.38%	8,424
7/1/2001	29.15	4.95	0.19	8416
7/2/2001	26.28	5.12	0.29	8551
7/3/2001	31.64	4.78	0.20	8168
7/4/2001	29.59	4.89	0.34	8359
7/5/2001	34.35	5.18	0.25	7705
7/6/2001	30.62	4.82	0.30	8247
7/7/2001	24.48	5.27	0.34	8940
7/8/2001	26.82	5.13	0.32	8689
7/9/2001	31.05	5.67	0.30	8111
7/10/2001	21.27	5.66	0.39	9305
7/11/2001	26.51	5.28	0.35	8652
7/12/2001	32.19	4.66	0.38	8031
7/13/2001	31.19	4.75	0.32	8216
7/14/2001	31.62	4.92	0.35	8137
7/15/2001	31.39	4.66	0.31	8222
7/16/2001	22.84	5.50	0.36	9090
7/17/2001	27.85	4.62	0.32	8669
7/18/2001	29.85	4.52	0.29	8443
7/19/2001	30.16	4.65	0.41	8362
7/20/2001	29.06	4.54	0.41	8511
7/21/2001	27.55	4.92	0.44	8642
7/22/2001	29.46	4.68	0.46	8449
7/23/2001	31.07	4.69	0.36	8227
7/24/2001	29.13	4.51	0.28	8491
7/25/2001	31.67	5.00	0.29	8097
7/26/2001	31.05	5.26	0.32	8138
7/27/2001	34.18	4.37	0.26	7875
7/28/2001	30.27	5.23	0.28	8245
7/29/2001	30.60	5.04	0.37	8198
7/30/2001	29.69	5.02	0.42	8388
7/31/2001	29.20	5.07	0.31	8409
8/1/2001	27.21	5.48	0.40	8,574
8/2/2001	26.92	5.33	0.43	8,643
8/3/2001	24.25	4.89	0.29	8,929
8/4/2001	30.41	5.04	0.37	8,305

4/16/2001	0.00%	0.00%	0.00%	0
4/17/2001	0.00%	0.00%	0.00%	0
4/18/2001	0.00%	0.00%	0.00%	0
4/19/2001	0.00%	0.00%	0.00%	0
4/20/2001	0.00%	0.00%	0.00%	0
4/21/2001	0.00%	0.00%	0.00%	0
4/22/2001	0.00%	0.00%	0.00%	0
4/23/2001	0.00%	0.00%	0.00%	0
4/24/2001	0.00%	0.00%	0.00%	0
4/25/2001	0.00%	0.00%	0.00%	0
4/26/2001	0.00%	0.00%	0.00%	0
4/27/2001	0.00%	0.00%	0.00%	0
4/28/2001	0.00%	0.00%	0.00%	0
4/29/2001	30.52%	4.95%	0.39%	8,381
4/30/2001	29.89%	4.91%	0.35%	8,433
5/1/2001	30.50%	4.75%	0.29%	8,428
5/2/2001	30.52%	4.58%	0.31%	8,427
5/3/2001	30.73%	4.71%	0.38%	8,348
5/4/2001	30.22%	4.42%	0.31%	8,487
5/5/2001	30.50%	4.71%	0.39%	8,404
5/6/2001	30.22%	4.67%	0.34%	8,450
5/7/2001	29.75%	4.58%	0.34%	8,508
5/8/2001	30.02%	4.21%	0.27%	8,572
5/9/2001	29.01%	4.44%	0.25%	8,644
5/10/2001	29.92%	4.60%	0.35%	8,508
5/11/2001	29.84%	4.45%	0.31%	8,564
5/12/2001	30.22%	4.67%	0.34%	8,450
5/13/2001	30.40%	4.89%	0.38%	8,399
5/14/2001	30.53%	4.89%	0.38%	8,398
5/15/2001	30.22%	4.67%	0.34%	8,450
5/16/2001	28.11%	4.56%	0.31%	8,771
5/17/2001	0.00%	0.00%	0.00%	0
5/18/2001	29.68%	4.62%	0.36%	8,519
5/19/2001	28.79%	4.76%	0.32%	8,595
5/20/2001	30.53%	4.70%	0.37%	8,376
5/21/2001	29.96%	5.03%	0.41%	8,460
5/22/2001	30.50%	4.89%	0.34%	8,380
5/23/2001	29.03%	4.44%	0.25%	8,639
5/24/2001	30.01%	4.62%	0.36%	8,522
5/25/2001	29.28%	4.55%	0.37%	8,610
5/26/2001	30.28%	4.83%	0.37%	8,431
5/27/2001	27.61%	4.93%	0.22%	8,721
5/28/2001	29.86%	5.07%	0.41%	8,453
5/29/2001	30.64%	4.68%	0.31%	8,378
5/30/2001	30.15%	5.08%	0.40%	8,402
5/31/2001	30.46%	4.58%	0.40%	8,431
6/1/2001	27.94%	4.47%	0.24%	8,762
6/2/2001	29.67%	4.66%	0.33%	8,525
6/3/2001	29.78%	5.33%	0.39%	8,449
6/4/2001	30.34%	4.68%	0.40%	8,427
6/5/2001	30.04%	4.77%	0.39%	8,465
6/6/2001	29.93%	4.62%	0.39%	8,505
6/7/2001	30.04%	4.87%	0.37%	8,426
6/8/2001	30.58%	4.87%	0.38%	8,385
6/9/2001	28.99%	4.60%	0.30%	8,629
6/10/2001	30.26%	5.09%	0.37%	8,373
6/11/2001	30.12%	4.89%	0.31%	8,407
6/12/2001	29.67%	4.66%	0.33%	8,525
6/13/2001	29.60%	4.51%	0.30%	8,552
6/14/2001	29.06%	4.67%	0.28%	8,612
6/15/2001	30.30%	5.05%	0.43%	8,402
6/16/2001	30.21%	4.68%	0.37%	8,447
6/17/2001	29.67%	4.66%	0.33%	8,525
6/18/2001	30.30%	4.62%	0.34%	8,449
6/19/2001	28.76%	4.69%	0.28%	8,619
6/20/2001	29.67%	4.66%	0.33%	8,525
6/21/2001	29.86%	4.68%	0.31%	8,515
6/22/2001	29.47%	4.71%	0.34%	8,568
6/23/2001	29.91%	4.86%	0.34%	8,453
6/24/2001	30.28%	4.95%	0.39%	8,402
6/25/2001	30.21%	4.98%	0.38%	8,410
6/26/2001	29.29%	4.37%	0.30%	8,652
6/27/2001	29.67%	4.66%	0.33%	8,525
6/28/2001	26.92%	4.36%	0.21%	8,882
6/29/2001	30.09%	4.70%	0.35%	8,439
6/30/2001	30.21%	4.93%	0.38%	8,424
7/1/2001	26.06	4.95	0.21	8,839
7/2/2001	25.75	4.67	0.35	9,014
7/3/2001	24.47	4.95	0.28	9,039
7/4/2001	30.18	4.68	0.39	8,355
7/5/2001	28.70	4.95	0.27	8,750
7/6/2001	29.38	4.80	0.50	8,460
7/7/2001	29.35	4.50	0.29	8,462
7/8/2001	26.67	5.45	0.28	8,668
7/9/2001	25.79	5.40	0.43	8,726
7/10/2001	28.87	5.26	0.40	8,375
7/11/2001	28.12	5.09	0.46	8,476
7/12/2001	27.16	5.17	0.44	8,625
7/13/2001	30.14	4.61	0.30	8,378
7/14/2001	32.51	4.26	0.31	8,121
7/15/2001	30.80	4.40	0.30	8,310
7/16/2001	30.10	4.52	0.35	8,395
7/17/2001	28.77	4.74	0.37	8,520
7/18/2001	29.52	4.79	0.38	8,406
7/19/2001	30.91	4.56	0.38	8,365
7/20/2001	28.07	5.69	0.40	8,606
7/21/2001	27.58	5.17	0.26	8,683
7/22/2001	28.68	5.03	0.23	8,488
7/23/2001	31.03	4.77	0.38	8,251
7/24/2001	29.01	5.20	0.28	8,414
7/25/2001	29.96	5.17	0.30	8,311
7/26/2001	30.82	5.89	0.30	8,083
7/27/2001	31.64	4.74	0.28	8,184
7/28/2001	28.67	6.04	0.31	8,330
7/29/2001	23.80	7.65	0.37	8,629
7/30/2001	30.96	5.77	0.38	8,079
7/31/2001	29.58	5.09	0.33	

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8/5/2001	28.56	5.49	0.38	8,408
8/6/2001	28.69	5.10	0.37	8,465
8/7/2001	29.18	5.24	0.35	8,385
8/8/2001	27.25	5.30	0.33	8,579
8/9/2001	29.33	5.15	0.37	8,395
8/10/2001	31.55	4.97	0.37	8,126
8/11/2001	26.56	5.59	0.36	8,650
8/12/2001	29.83	5.25	0.35	8,266
8/13/2001	28.29	5.65	0.37	8,405
8/14/2001	26.67	5.10	0.32	8,682
8/15/2001	29.41	5.62	0.31	8,306
8/16/2001	28.06	5.91	0.30	8,417
8/17/2001	26.90	6.80	0.30	8,395
8/18/2001	24.90	5.40	0.27	8,871
8/19/2001	27.10	4.81	0.32	8,715
8/20/2001	28.42	5.31	0.34	8,447
8/21/2001	28.08	4.96	0.36	8,597
8/22/2001	29.49	6.24	0.35	8,195
8/23/2001	26.39	6.29	0.39	8,513
8/24/2001	23.74	8.89	0.45	8,595
8/25/2001	30.44	4.17	0.32	8,341
8/26/2001	25.51	4.36	0.34	8,946
8/27/2001	31.85	4.82	0.33	8,120
8/28/2001	28.71	5.13	0.42	8,462
8/29/2001	29.08	4.53	0.27	8,368
8/30/2001	31.00	4.27	0.22	8,262
8/31/2001	28.27	4.20	0.22	8,596
9/1/2001	28.35	4.46	0.23	8,514
9/2/2001	29.83	4.97	0.33	8,280
9/3/2001	28.09	5.55	0.39	8,429
9/4/2001	34.74	5.33	0.33	7,683
9/5/2001	26.94	6.12	0.37	8,337
9/6/2001	27.52	4.86	0.25	8,668
9/7/2001	29.40	4.85	0.30	8,382
9/8/2001	29.83	4.92	0.35	8,320
9/9/2001	34.69	4.62	0.29	7,722
9/10/2001	32.43	4.59	0.35	8,038
9/11/2001	29.57	4.65	0.38	8,434
9/12/2001	29.03	5.25	0.33	8,377
9/13/2001	27.15	5.65	0.36	8,689
9/14/2001	27.50	4.88	0.26	8,535
9/15/2001	28.73	4.74	0.32	8,439
9/16/2001	28.65	4.83	0.34	8,430
9/17/2001	29.51	5.10	0.30	8,286
9/18/2001	28.66	5.08	0.36	8,470
9/19/2001	30.04	5.18	0.43	8,302
9/20/2001	31.05	5.13	0.41	8,281
9/21/2001	30.46	4.79	0.41	8,286
9/22/2001	30.84	4.83	0.37	8,220
9/23/2001	31.52	4.93	0.37	8,133
9/24/2001	27.93	4.65	0.26	8,596
9/25/2001	30.09	4.79	0.29	8,314
9/26/2001	30.93	5.03	0.37	8,140
9/27/2001	30.79	4.58	0.38	8,276
9/28/2001	27.33	4.90	0.36	8,689
9/29/2001	0.00	0.00	0.00	0
9/30/2001	0.00	0.00	0.00	0
10/1/2001	0.00	0.00	0.00	0
10/2/2001	0.00	0.00	0.00	0
10/3/2001	0.00	0.00	0.00	0
10/4/2001	0.00	0.00	0.00	0
10/5/2001	0.00	0.00	0.00	0
10/6/2001	0.00	0.00	0.00	0
10/7/2001	0.00	0.00	0.00	0
10/8/2001	0.00	0.00	0.00	0
10/9/2001	0.00	0.00	0.00	0
10/10/2001	0.00	0.00	0.00	0
10/11/2001	0.00	0.00	0.00	0
10/12/2001	0.00	0.00	0.00	0
10/13/2001	0.00	0.00	0.00	0
10/14/2001	0.00	0.00	0.00	0
10/15/2001	0.00	0.00	0.00	0
10/16/2001	0.00	0.00	0.00	0
10/17/2001	0.00	0.00	0.00	0
10/18/2001	0.00	0.00	0.00	0
10/19/2001	0.00	0.00	0.00	0
10/20/2001	0.00	0.00	0.00	0
10/21/2001	0.00	0.00	0.00	0
10/22/2001	0.00	0.00	0.00	0
10/23/2001	0.00	0.00	0.00	0
10/24/2001	0.00	0.00	0.00	0
10/25/2001	0.00	0.00	0.00	0
10/26/2001	0.00	0.00	0.00	0
10/27/2001	0.00	0.00	0.00	0
10/28/2001	0.00	0.00	0.00	0
10/29/2001	0.00	0.00	0.00	0
10/30/2001	0.00	0.00	0.00	0
10/31/2001	0.00	0.00	0.00	0
11/1/2001	0.00	0.00	0.00	0
11/2/2001	0.00	0.00	0.00	0
11/3/2001	0.00	0.00	0.00	0
11/4/2001	0.00	0.00	0.00	0
11/5/2001	0.00	0.00	0.00	0
11/6/2001	0.00	0.00	0.00	0
11/7/2001	0.00	0.00	0.00	0
11/8/2001	0.00	0.00	0.00	0
11/9/2001	0.00	0.00	0.00	0
11/10/2001	0.00	0.00	0.00	0
11/11/2001	0.00	0.00	0.00	0
11/12/2001	0.00	0.00	0.00	0
11/13/2001	0.00	0.00	0.00	0
11/14/2001	0.00	0.00	0.00	0
11/15/2001	0.00	0.00	0.00	0
11/16/2001	27.33	4.90	0.36	8,689
11/17/2001	25.78	5.31	0.25	8,754
11/18/2001	30.22	5.58	0.29	8,151
11/19/2001	28.33	4.93	0.22	8,483
11/20/2001	18.75	5.49	0.37	9,602
11/21/2001	27.14	5.18	0.34	8,590
11/22/2001	29.03	5.07	0.34	8,333
11/23/2001	31.14	5.00	0.35	8,100

8/5/2001	23.33	5.50	0.37	9,162
8/6/2001	24.22	5.52	0.38	8,919
8/7/2001	27.97	5.50	0.31	8,496
8/8/2001	28.45	4.77	0.34	8,495
8/9/2001	27.84	5.34	0.34	8,539
8/10/2001	27.75	5.04	0.33	8,678
8/11/2001	22.92	5.68	0.33	9,149
8/12/2001	27.21	5.35	0.34	8,566
8/13/2001	29.03	4.92	0.34	8,432
8/14/2001	28.14	5.26	0.26	8,459
8/15/2001	26.75	6.12	0.31	8,555
8/16/2001	30.98	5.05	0.36	8,185
8/17/2001	25.81	5.53	0.24	8,722
8/18/2001	27.80	4.31	0.29	8,696
8/19/2001	27.19	4.55	0.31	8,760
8/20/2001	23.30	5.85	0.33	9,013
8/21/2001	27.94	4.87	0.37	8,611
8/22/2001	27.35	5.60	0.30	8,535
8/23/2001	28.25	4.82	0.32	8,530
8/24/2001	25.41	4.67	0.26	8,877
8/25/2001	30.47	4.31	0.33	8,318
8/26/2001	25.46	4.88	0.32	8,896
8/27/2001	31.85	4.82	0.33	8,120
8/28/2001	28.71	5.13	0.42	8,462
8/29/2001	29.88	4.53	0.27	8,368
8/30/2001	28.46	4.67	0.31	8,516
8/31/2001	28.76	4.34	0.31	8,504
9/1/2001	25.35	4.33	0.25	8,928
9/2/2001	28.06	4.63	0.27	8,526
9/3/2001	28.65	5.20	0.37	8,392
9/4/2001	28.07	5.15	0.38	8,508
9/5/2001	29.91	4.92	0.38	8,338
9/6/2001	30.11	4.69	0.31	8,335
9/7/2001	27.77	4.49	0.27	8,657
9/8/2001	30.65	4.98	0.36	8,207
9/9/2001	30.06	4.87	0.25	8,281
9/10/2001	29.14	5.04	0.35	8,419
9/11/2001	29.47	4.66	0.38	8,450
9/12/2001	29.24	5.82	0.33	8,278
9/13/2001	28.66	5.13	0.40	8,494
9/14/2001	27.53	4.94	0.31	8,544
9/15/2001	28.95	4.84	0.31	8,350
9/16/2001	27.77	4.79	0.34	8,511
9/17/2001	29.55	4.75	0.26	8,387
9/18/2001	30.70	4.86	0.38	8,250
9/19/2001	32.15	4.77	0.37	8,058
9/20/2001	30.01	4.97	0.40	8,366
9/21/2001	31.41	4.64	0.41	8,194
9/22/2001	28.09	5.40	0.37	8,477
9/23/2001	27.42	5.44	0.38	8,665
9/24/2001	31.38	5.06	0.41	8,152
9/25/2001	29.07	4.10	0.24	8,527
9/26/2001	32.65	4.89	0.35	7,978
9/27/2001	30.79	4.58	0.38	8,276
9/28/2001	27.33	4.90	0.36	8,689
9/29/2001	30.09	4.73	0.39	8,387
9/30/2001	31.37	4.63	0.38	8,218
10/1/2001	30.46	5.25	0.20	8,202
10/2/2001	29.07	5.85	0.28	8,260
10/3/2001	29.07	5.85	0.28	8,260
10/4/2001	28.05	4.78	0.33	8,554
10/5/2001	30.48	4.70	0.34	8,289
10/6/2001	29.52	4.25	0.26	8,423
10/7/2001	28.99	4.31	0.21	8,495
10/8/2001	31.45	4.67	0.31	8,166
10/9/2001	27.73	5.02	0.36	8,559
10/10/2001	25.70	5.72	0.33	8,705
10/11/2001	31.66	5.54	0.35	8,019
10/12/2001	29.65	5.84	0.34	8,179
10/13/2001	31.54	5.09	0.41	8,092
10/14/2001	32.51	5.11	0.38	8,078
10/15/2001	25.63	5.78	0.38	8,699
10/16/2001	31.62	4.93	0.35	8,077
10/17/2001	28.98	5.22	0.27	8,427
10/18/2001	26.45	5.16	0.27	8,681
10/19/2001	26.41	5.31	0.30	8,691
10/20/2001	26.99	5.62	0.31	8,589
10/21/2001	29.44	5.02	0.39	8,357
10/22/2001	28.29	5.08	0.39	8,506
10/23/2001	26.83	5.35	0.37	8,635
10/24/2001	26.86	4.97	0.22	8,654
10/25/2001	30.79	4.39	0.31	8,244
10/26/2001	28.49	4.85	0.23	8,502
10/27/2001	26.79	5.88	0.25	8,600
10/28/2001	29.27	5.54	0.30	8,326
10/29/2001	31.12	5.29	0.32	8,156
10/30/2001	30.14	4.97	0.37	8,283
10/31/2001	29.55	5.59	0.34	8,243
11/1/2001	27.67	4.76	0.39	8,651
11/2/2001	23.70	5.73	0.31	9,033
11/3/2001	24.21	5.64	0.30	8,951
11/4/2001	20.60	5.69	0.30	9,401
11/5/2001	28.52	5.15	0.33	8,487
11/6/2001	29.03	5.00	0.34	8,411
11/7/2001	30.42	6.73	0.35	8,129
11/8/2001	28.44	5.82	0.38	8,375
11/9/2001	24.81	5.34	0.31	8,919
11/10/2001	27.88	4.84	0.28	8,573
11/11/2001	37.48	5.49	0.29	7,197
11/12/2001	18.37	5.88	0.38	9,579
11/13/2001	18.97	5.61	0.32	9,589
11/14/2001	18.73	5.57	0.33	9,489
11/15/2001	25.76	5.95	0.39	8,636
11/16/2001	32.34	4.97	0.31	7,973
11/17/2001	24.97	5.56	0.32	8,834
11/18/2001	28.35	6.81	0.32	8,377
11/19/2001	30.77	5.13	0.34	8,173
11/				

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11/24/2001	27.79	4.64	0.37	8,569
11/25/2001	27.08	5.31	0.32	8,576
11/26/2001	28.12	5.36	0.41	8,489
11/27/2001	30.48	4.77	0.44	8,198
11/28/2001	32.52	5.07	0.54	7,944
11/29/2001	40.95	4.21	0.29	6,984
11/30/2001	29.31	4.84	0.31	8,371
12/1/2001	25.16	4.79	0.29	8,929
12/2/2001	25.47	5.23	0.33	8,624
12/3/2001	27.82	5.94	0.35	8,498
12/4/2001	25.27	5.27	0.32	8,896
12/5/2001	28.09	6.20	0.35	8,395
12/6/2001	23.64	5.62	0.28	9,042
12/7/2001	23.64	5.62	0.28	9,042
12/8/2001	24.51	5.72	0.36	8,925
12/9/2001	24.06	5.81	0.36	8,958
12/10/2001	25.17	5.64	0.30	8,884
12/11/2001	31.17	4.93	0.32	8,231
12/12/2001	27.61	4.83	0.35	8,678
12/13/2001	25.62	5.60	0.37	8,779
12/14/2001	24.43	5.98	0.40	8,934
12/15/2001	29.25	5.24	0.36	8,405
12/16/2001	28.71	5.47	0.35	8,511
12/17/2001	27.81	4.69	0.26	8,717
12/18/2001	27.91	4.56	0.26	8,724
12/19/2001	27.16	4.73	0.30	8,788
12/20/2001	29.66	4.84	0.29	8,450
12/21/2001	34.16	4.54	0.39	7,882
12/22/2001	34.02	4.59	0.37	7,901
12/23/2001	33.82	4.96	0.37	7,829
12/24/2001	36.20	5.04	0.26	7,297
12/25/2001	36.81	4.54	0.30	7,521
12/26/2001	42.27	5.19	0.29	6,770
12/27/2001	30.78	4.61	0.22	8,321
12/28/2001	26.01	5.25	0.25	8,632
12/29/2001	28.75	5.14	0.22	8,472
12/30/2001	31.38	5.61	0.30	8,079
12/31/2001	36.44	5.01	0.21	7,513

11/24/2001	0.00	0.00	0.00	0
11/25/2001	0.00	0.00	0.00	0
11/26/2001	0.00	0.00	0.00	0
11/27/2001	0.00	0.00	0.00	0
11/28/2001	0.00	0.00	0.00	0
11/29/2001	0.00	0.00	0.00	0
11/30/2001	28.67	5.19	0.21	8,401
12/1/2001	24.36	5.33	0.39	8,952
12/2/2001	27.05	5.23	0.32	8,573
12/3/2001	25.38	5.89	0.35	8,804
12/4/2001	24.21	6.33	0.36	8,892
12/5/2001	29.46	5.02	0.32	8,343
12/6/2001	24.79	5.41	0.34	8,889
12/7/2001	26.77	5.69	0.29	8,658
12/8/2001	26.70	5.49	0.37	8,645
12/9/2001	23.32	6.52	0.39	8,954
12/10/2001	29.24	4.68	0.27	8,480
12/11/2001	25.42	5.37	0.32	8,870
12/12/2001	24.24	5.19	0.39	9,049
12/13/2001	23.40	5.56	0.40	9,134
12/14/2001	28.02	4.58	0.32	8,709
12/15/2001	39.50	4.77	0.34	7,180
12/16/2001	31.77	4.58	0.40	8,282
12/17/2001	30.59	4.84	0.20	8,322
12/18/2001	30.02	4.62	0.20	8,435
12/19/2001	29.22	4.96	0.20	8,488
12/20/2001	26.43	5.20	0.38	8,881
12/21/2001	26.95	5.36	0.40	8,719
12/22/2001	33.35	5.36	0.30	7,868
12/23/2001	30.38	5.36	0.42	8,249
12/24/2001	32.19	4.62	0.25	8,149
12/25/2001	30.77	5.00	0.32	8,288
12/26/2001	29.67	6.04	0.32	8,242
12/27/2001	28.39	6.26	0.31	8,378
12/28/2001	40.60	6.08	0.30	6,855
12/29/2001	25.41	6.09	0.26	8,812
12/30/2001	26.17	5.79	0.29	8,745
12/31/2001	30.49	5.71	0.30	8,216

11/24/2001	26.49	5.36	0.42	8,645
11/25/2001	25.94	5.59	0.38	8,693
11/26/2001	26.87	5.80	0.19	8,565
11/27/2001	26.44	6.03	0.50	8,579
11/28/2001	24.83	6.35	0.60	8,856
11/29/2001	26.39	5.54	0.42	8,713
11/30/2001	24.94	5.64	0.41	8,865
12/1/2001	35.67	5.01	0.31	7,542
12/2/2001	40.31	4.90	0.31	6,950
12/3/2001	22.95	6.52	0.33	8,930
12/4/2001	20.87	7.06	0.35	9,155
12/5/2001	29.66	5.47	0.33	8,277
12/6/2001	28.88	5.49	0.33	8,385
12/7/2001	21.86	5.67	0.31	9,311
12/8/2001	22.58	5.58	0.36	9,185
12/9/2001	32.13	5.40	0.32	7,973
12/10/2001	21.76	5.25	0.21	9,323
12/11/2001	25.11	4.90	0.34	8,966
12/12/2001	23.55	6.09	0.39	9,043
12/13/2001	39.12	5.20	0.28	7,084
12/14/2001	31.24	4.83	0.12	8,259
12/15/2001	36.81	4.36	0.27	7,607
12/16/2001	34.61	5.02	0.35	7,802
12/17/2001	32.42	4.64	0.20	8,124
12/18/2001	35.28	5.62	0.27	7,623
12/19/2001	33.12	4.65	0.20	8,024
12/20/2001	26.51	4.50	0.44	8,618
12/21/2001	23.16	4.94	0.39	9,273
12/22/2001	36.60	4.97	0.27	7,531
12/23/2001	32.89	4.75	0.38	8,004
12/24/2001	41.09	4.30	0.24	7,034
12/25/2001	24.96	5.31	0.36	8,986
12/26/2001	30.23	4.96	0.33	8,350
12/27/2001	24.80	5.05	0.29	9,042
12/28/2001	29.04	4.55	0.23	8,563
12/29/2001	24.21	5.18	0.29	9,093
12/30/2001	24.85	4.84	0.28	9,036
12/31/2001	24.85	4.84	0.28	9,036

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Unit #1					Unit #2					Unit #3				
DATE	%	%	%		DATE	%	%	%		DATE	%	%	%	
	Molsture	Ash	Sulfur (wet)	BTU/lb		Molsture	Ash	Sulfur (wet)	BTU/lb		Molsture	Ash	Sulfur (wet)	BTU/lb
1/1/2002	28.27	7.69	0.30	8,246	1/1/2002	27.39	5.47	0.31	8,635	1/1/2002	24.85	4.84	0.28	9,036
1/2/2002	36.18	6.65	0.32	7,363	1/2/2002	27.54	5.38	0.32	8,630	1/2/2002	29.60	7.46	0.26	8,068
1/3/2002	28.27	4.18	0.21	8,725	1/3/2002	25.20	4.52	0.22	9,098	1/3/2002	37.68	6.57	0.26	7,166
1/4/2002	28.94	4.79	0.31	8,585	1/4/2002	26.68	5.30	0.34	8,778	1/4/2002	27.19	7.32	0.27	8,394
1/5/2002	27.72	5.24	0.26	8,631	1/5/2002	27.49	5.01	0.34	8,730	1/5/2002	26.60	5.87	0.40	8,699
1/6/2002	29.56	4.58	0.26	8,462	1/6/2002	27.03	5.90	0.36	8,646	1/6/2002	27.70	5.70	0.37	8,553
1/7/2002	28.54	4.89	0.34	8,641	1/7/2002	27.33	4.70	0.32	8,725	1/7/2002	28.55	5.08	0.33	8,568
1/8/2002	25.86	4.65	0.30	9,028	1/8/2002	26.73	4.72	0.31	8,874	1/8/2002	31.50	5.12	0.33	8,190
1/9/2002	25.36	6.22	0.32	8,742	1/9/2002	30.57	4.91	0.42	8,424	1/9/2002	31.35	5.10	0.30	8,191
1/10/2002	24.82	5.70	0.31	8,871	1/10/2002	24.66	5.67	0.32	8,876	1/10/2002	26.13	4.33	0.25	8,978
1/11/2002	20.85	6.76	0.33	9,257	1/11/2002	24.66	5.67	0.32	8,876	1/11/2002	20.58	5.04	0.31	9,578
1/12/2002	20.16	6.61	0.32	9,355	1/12/2002	23.68	5.25	0.42	9,258	1/12/2002	20.14	5.20	0.29	9,613
1/13/2002	16.92	7.21	0.34	9,671	1/13/2002	24.78	5.26	0.40	9,098	1/13/2002	22.37	4.82	0.29	9,402
1/14/2002	29.36	4.86	0.37	8,592	1/14/2002	30.06	4.72	0.36	8,464	1/14/2002	28.03	5.48	0.33	8,558
1/15/2002	29.82	4.42	0.26	8,448	1/15/2002	30.81	4.67	0.31	8,303	1/15/2002	26.32	5.69	0.33	8,702
1/16/2002	28.35	4.60	0.27	8,583	1/16/2002	30.40	4.67	0.29	8,326	1/16/2002	23.94	5.65	0.33	9,011
1/17/2002	38.55	6.33	0.30	7,092	1/17/2002	35.51	4.70	0.28	7,696	1/17/2002	36.30	5.30	0.31	7,462
1/18/2002	30.11	6.03	0.32	8,164	1/18/2002	39.94	4.94	0.27	7,079	1/18/2002	32.37	4.60	0.31	8,131
1/19/2002	36.82	5.56	0.29	7,164	1/19/2002	30.26	4.57	0.23	8,411	1/19/2002	34.38	4.99	0.29	7,776
1/20/2002	32.02	5.39	0.28	8,064	1/20/2002	30.08	4.79	0.24	8,375	1/20/2002	32.28	5.04	0.31	8,088
1/21/2002	31.10	4.64	0.36	8,390	1/21/2002	30.40	4.85	0.41	8,462	1/21/2002	31.19	5.57	0.52	8,250
1/22/2002	33.02	4.60	0.35	8,138	1/22/2002	29.34	5.06	0.34	8,492	1/22/2002	26.18	5.44	0.45	8,881
1/23/2002	30.89	5.03	0.34	8,325	1/23/2002	29.55	4.76	0.36	8,558	1/23/2002	26.18	5.44	0.45	8,881
1/24/2002	32.57	5.23	0.36	8,073	1/24/2002	27.62	4.70	0.27	8,756	1/24/2002	33.63	5.56	0.46	7,900
1/25/2002	31.77	5.20	0.39	8,183	1/25/2002	31.51	5.36	0.29	8,091	1/25/2002	34.66	5.51	0.49	7,793
1/26/2002	31.01	5.34	0.37	8,240	1/26/2002	29.57	5.55	0.32	8,371	1/26/2002	43.72	5.15	0.48	6,637
1/27/2002	33.70	5.48	0.41	7,912	1/27/2002	33.84	4.92	0.28	7,876	1/27/2002	35.05	5.27	0.42	7,753
1/28/2002	32.20	5.34	0.34	8,052	1/28/2002	35.72	5.80	0.28	7,534	1/28/2002	34.45	6.55	0.34	7,474
1/29/2002	34.76	4.97	0.31	7,775	1/29/2002	32.10	4.94	0.24	8,079	1/29/2002	25.23	6.26	0.29	8,782
1/30/2002	32.49	5.65	0.32	7,961	1/30/2002	27.16	5.67	0.31	8,645	1/30/2002	28.00	5.44	0.29	8,573
1/31/2002	30.18	5.64	0.33	8,269	1/31/2002	31.43	4.81	0.29	8,246	1/31/2002	31.29	7.09	0.28	8,290
2/1/2002	25.81	5.41	0.34	8,858	2/1/2002	29.84	4.85	0.29	8,399	2/1/2002	33.41	4.37	0.24	7,982
2/2/2002	28.38	5.53	0.32	8,478	2/2/2002	35.33	5.00	0.27	7,682	2/2/2002	33.59	5.09	0.26	7,853
2/3/2002	27.54	5.43	0.32	8,614	2/3/2002	27.09	6.00	0.34	8,610	2/3/2002	33.16	5.41	0.33	7,898
2/4/2002	27.54	5.43	0.32	8,614	2/4/2002	27.09	6.00	0.34	8,610	2/4/2002	30.33	5.57	0.37	8,206
2/5/2002	27.54	5.43	0.32	8,614	2/5/2002	32.43	5.34	0.35	7,974	2/5/2002	34.78	4.85	0.40	7,771
2/6/2002	32.03	5.30	0.32	8,030	2/6/2002	33.18	5.34	0.36	7,881	2/6/2002	33.93	4.87	0.40	7,853
2/7/2002	32.68	5.58	0.32	7,905	2/7/2002	34.00	4.42	0.28	7,866	2/7/2002	33.93	4.87	0.40	7,853
2/8/2002	33.11	5.46	0.31	7,867	2/8/2002	28.71	4.59	0.22	8,563	2/8/2002	33.93	4.87	0.40	7,853
2/9/2002	34.41	5.63	0.28	7,643	2/9/2002	29.08	5.07	0.24	8,431	2/9/2002	33.93	4.87	0.40	7,853
2/10/2002	34.33	4.86	0.25	7,802	2/10/2002	30.85	4.68	0.33	8,322	2/10/2002	33.93	4.87	0.40	7,853
2/11/2002	28.72	5.31	0.31	8,434	2/11/2002	34.28	4.56	0.27	7,807	2/11/2002	21.55	5.94	0.34	9,256
2/12/2002	29.42	5.47	0.32	8,294	2/12/2002	28.73	5.27	0.36	8,471	2/12/2002	18.76	6.32	0.34	9,592
2/13/2002	24.62	5.74	0.40	8,927	2/13/2002	29.72	4.97	0.35	8,387	2/13/2002	29.37	5.63	0.31	8,336
2/14/2002	30.88	4.78	0.42	8,230	2/14/2002	31.23	4.98	0.38	8,138	2/14/2002	30.44	4.74	0.38	8,324
2/15/2002	39.16	5.37	0.37	7,120	2/15/2002	31.79	4.76	0.40	8,203	2/15/2002	35.82	5.40	0.42	7,438
2/16/2002	26.52	4.98	0.35	8,827	2/16/2002	22.59	5.19	0.39	9,329	2/16/2002	27.08	4.81	0.45	8,792
2/17/2002	26.33	4.93	0.35	8,871	2/17/2002	32.83	5.00	0.40	8,020	2/17/2002	26.89	4.93	0.39	8,819
2/18/2002	24.37	5.49	0.45	9,071	2/18/2002	28.87	5.13	0.28	8,539	2/18/2002	26.89	4.93	0.39	8,819
2/19/2002	25.72	5.69	0.45	8,839	2/19/2002	28.54	4.63	0.35	8,555	2/19/2002	26.89	4.93	0.39	8,819
2/20/2002	25.72	5.69	0.45	8,839	2/20/2002	27.10	4.67	0.40	8,778	2/20/2002	26.89	4.93	0.39	8,819
2/21/2002	40.73	5.15	0.35	6,956	2/21/2002	41.86	3.98	0.32	6,993	2/21/2002	26.89	4.93	0.39	8,819
2/22/2002	29.81	5.41	0.34	8,364	2/22/2002	30.41	5.10	0.36	8,326	2/22/2002	26.89	4.93	0.39	8,819
2/23/2002	30.27	5.38	0.35	8,291	2/23/2002	31.54	5.58	0.41	8,091	2/23/2002	0.00	0.00	0.00	0
2/24/2002	30.27	5.38	0.35	8,291	2/24/2002	28.50	5.55	0.36	8,463	2/24/2002	26.89	4.93	0.39	8,819
2/25/2002	18.36	5.91	0.43	9,743	2/25/2002	28.42	4.46	0.27	8,657	2/25/2002	26.36	4.66	0.29	8,868
2/26/2002	27.47	5.06	0.36	8,678	2/26/2002	32.70	4.41	0.33	8,139	2/26/2002	27.66	4.43	0.30	8,710
2/27/2002	28.13	5.24	0.36	8,815	2/27/2002	26.23	4.53	0.29	8,674	2/27/2002	26.24	4.42	0.28	8,913
2/28/2002	35.01	4.62	0.34	7,772	2/28/2002	31.10	4.99	0.35	8,226	2/28/2002	34.50	5.14	0.29	7,787
3/1/2002	31.67	4.88	0.25	8,178	3/1/2002	30.67	4.32	0.21	8,634	3/1/2002	30.63	4.55	0.22	8,342
3/2/2002	31.25	4.67	0.30	8,270	3/2/2002	29.24	4.78	0.24	8,509	3/2/2002	28.67	4.41	0.21	8,634
3/3/2002	30.42	4.42	0.22	8,417	3/3/2002	32.51	4.93	0.19	8,065	3/3/2002	34.09	4.82	0.19	7,881
3/4/2002	32.35	4.47	0.29	8,148	3/4/2002	29.03	4.37	0.24	8,608	3/4/2002	28.50	4.23	0.26	8,670
3/5/2002	27.96	4.47	0.25	8,725	3/5/2002	29.07	5.06	0.31	8,487	3/5/2002	28.50	4.23	0.26	8,670
3/6/2002	30.51	4.80	0.25	8,347	3/6/2002	30.03	5.05	0.30	8,373	3/6/2002	28.50	4.23	0.26	8,670
3/7/2002	30.18	5.44	0.31	8,307	3/7/2002	29.52	5.33	0.33	8,324	3/7/2002	28.50	4.23	0.26	8,670
3/8/2002	28.46	4.85	0.29	8,836	3/8/2002	28.13	4.69	0.23	8,636	3/8/2002	38.77	5.23	0.24	7,146
3/9/2002	29.23	4.58	0.21	8,502	3/9/2002	29.25	4.55	0.22	8,490	3/9/2002	0.00	0.00	0.00	0
3/10/2002	29.81	4.73	0.29	8,424	3/10/2002	30.56	4.92	0.33	8,263	3/10/2002	38.77	5.23	0.24	7,146
3/11/2002	29.62	5.17	0.29	8,439	3/11/2002	28.63	4.13	0.19	8,649	3/11/2002	38.77	5.23	0.24	7,146
3/12/2002	32.21	4.53	0.33	8,129	3/12/2002	29.00	4.29	0.20	8,601	3/12/2002	38.77	5.23	0.24	7,146
3/13/2002	30.94	4.70	0.37	8,277	3/13/2002	30.43	4.77	0.38	8,347	3/13/2002	38.77	5.23	0.24	7,146
3/14/2002	28.50	5.11	0.23	8,500	3/14/2002	30.43	4.77	0.38	8,347	3/14/2002	31.83	6.70	0.31	7,807
3/15/2002	20.52	5.10	0.36	9,520	3/15/2002	30.43	4.77	0.38	8,347	3/15/2002	30.52	6.31	0.34	8,050
3/16/2002	28.40	4.74	0.27	8,561	3/16/2002	30.43	4.77	0.38	8,347	3/16/2002	30.52	6.31	0.34	8,050
3/17/2002	29													

Welsh Power Plant
2000 - 2006
Coal Burn
Analysis - Unit Samples

4/18/2002	30.91	6.70	0.32	7.948
4/18/2002	31.38	4.82	0.34	8.178
4/20/2002	31.38	4.89	0.36	8.147
4/21/2002	22.68	7.56	0.33	8.827
4/22/2002	30.91	5.46	0.35	8.096
4/23/2002	23.29	6.38	0.30	8.950
4/24/2002	28.31	5.36	0.35	8.493
4/25/2002	27.26	4.47	0.40	8.737
4/26/2002	28.58	6.61	0.39	8.234
4/27/2002	30.23	5.23	0.40	8.266
4/28/2002	28.37	5.34	0.41	8.493
4/29/2002	28.29	4.76	0.29	8.598
4/30/2002	28.32	4.31	0.27	8.635
5/1/2002	28.32	4.31	0.27	8.635
5/2/2002	34.90	8.58	0.27	7.057
5/3/2002	38.90	6.24	0.28	6.884
5/4/2002	20.90	6.62	0.34	9.181
5/5/2002	20.83	6.51	0.31	9.182
5/6/2002	28.38	5.54	0.31	8.433
5/7/2002	21.25	6.58	0.32	9.113
5/8/2002	28.38	5.54	0.31	8.433
5/9/2002	28.36	5.54	0.31	8.433
5/10/2002	31.32	4.99	0.35	8.172
5/11/2002	31.57	4.55	0.29	8.217
5/12/2002	28.38	5.54	0.31	8.433
5/13/2002	29.73	9.19	0.30	7.632
5/14/2002	28.25	7.30	0.34	8.134
5/15/2002	31.69	6.56	0.31	7.837
5/16/2002	31.59	5.05	0.35	8.095
5/17/2002	30.72	5.15	0.36	8.166
5/18/2002	28.38	5.54	0.31	8.433
5/19/2002	28.38	5.54	0.31	8.433
5/20/2002	23.34	6.19	0.30	8.897
5/21/2002	24.90	5.54	0.31	8.888
5/22/2002	21.06	6.44	0.26	9.066
5/23/2002	39.03	5.54	0.25	7.082
5/24/2002	28.38	5.54	0.31	8.433
5/25/2002	28.38	5.54	0.31	8.433
5/26/2002	28.38	5.54	0.31	8.433
5/27/2002	28.68	6.90	0.26	8.206
5/28/2002	34.96	6.64	0.27	7.481
5/29/2002	28.38	5.54	0.31	8.433
5/30/2002	28.38	5.54	0.31	8.433
5/31/2002	28.38	5.54	0.31	8.433
6/1/2002	28.82	6.02	0.30	8.283
6/2/2002	28.82	6.02	0.30	8.283
6/3/2002	28.82	6.02	0.30	8.283
6/4/2002	28.82	6.02	0.30	8.283
6/5/2002	28.82	6.02	0.30	8.283
6/6/2002	30.25	5.52	0.31	8.144
6/7/2002	30.25	5.52	0.31	8.144
6/8/2002	26.85	5.38	0.28	8.603
6/9/2002	21.84	5.78	0.26	9.195
6/10/2002	32.11	4.54	0.23	8.102
6/11/2002	31.04	4.77	0.25	8.197
6/12/2002	31.74	4.47	0.23	8.161
6/13/2002	31.58	5.27	0.26	8.022
6/14/2002	29.69	5.04	0.31	8.301
6/15/2002	32.01	4.82	0.28	8.041
6/16/2002	31.76	4.81	0.29	8.081
6/17/2002	31.08	5.49	0.25	7.996
6/18/2002	21.03	6.60	0.28	9.051
6/19/2002	14.75	6.83	0.30	9.745
6/20/2002	14.75	6.83	0.30	9.745
6/21/2002	16.18	6.38	0.28	9.711
6/22/2002	30.76	4.49	0.22	8.234
6/23/2002	30.53	4.92	0.23	8.149
6/24/2002	17.87	6.42	0.28	9.511
6/25/2002	17.87	6.42	0.28	9.511
6/26/2002	21.37	6.14	0.29	9.151
6/27/2002	29.08	6.33	0.36	8.221
6/28/2002	28.37	5.37	0.27	8.442
6/29/2002	40.23	5.00	0.27	7.001
6/30/2002	28.82	6.02	0.30	8.283
7/1/2002	23.81	7.82	0.26	8.579
7/2/2002	25.38	7.97	0.25	8.341
7/3/2002	22.98	7.78	0.22	8.621
7/4/2002	26.72	7.17	0.25	8.400
7/5/2002	29.13	4.99	0.27	8.344
7/6/2002	20.91	6.17	0.27	9.239
7/7/2002	26.06	5.16	0.28	8.721
7/8/2002	33.74	4.66	0.31	7.885
7/9/2002	30.65	5.37	0.32	8.139
7/10/2002	30.92	4.88	0.28	8.222
7/11/2002	30.92	4.88	0.28	8.222
7/12/2002	30.92	4.88	0.28	8.222
7/13/2002	29.90	4.63	0.29	8.345
7/14/2002	29.90	4.63	0.29	8.345
7/15/2002	29.21	4.70	0.28	8.400
7/16/2002	33.66	4.73	0.32	7.855
7/17/2002	31.78	4.80	0.34	8.092
7/18/2002	33.43	5.11	0.39	7.879
7/19/2002	30.46	4.53	0.26	8.287
7/20/2002	18.07	5.98	0.42	9.671
7/21/2002	28.29	6.76	0.38	8.478
7/22/2002	31.47	6.19	0.38	7.964
7/23/2002	30.74	5.75	0.37	8.098
7/24/2002	37.49	5.44	0.32	7.255
7/25/2002	32.03	5.05	0.37	8.208
7/26/2002	30.58	5.53	0.38	8.122
7/27/2002	30.11	6.70	0.38	7.977
7/28/2002	30.59	5.96	0.34	8.100
7/29/2002	27.87	5.54	0.26	8.517
7/30/2002	30.57	5.47	0.29	8.178
7/31/2002	27.45	4.67	0.29	8.657
8/1/2002	33.81	4.94	0.29	7.815
8/2/2002	30.73	5.28	0.38	8.126
8/3/2002	26.21	5.96	0.31	8.610
8/4/2002	33.08	5.40	0.31	7.826
8/5/2002	33.08	5.40	0.31	7.826
8/6/2002	33.08	5.40	0.31	7.826
8/7/2002	20.03	5.91	0.30	9.375
8/8/2002	25.35	5.79	0.29	8.754
8/9/2002	22.15	5.85	0.36	9.144

4/18/2002	25.13	6.92	0.41	8.608
4/18/2002	30.88	5.19	0.36	8.179
4/20/2002	29.57	5.36	0.36	8.317
4/21/2002	28.73	4.98	0.38	8.528
4/22/2002	27.83	4.95	0.31	8.608
4/23/2002	22.62	6.88	0.30	8.899
4/24/2002	33.88	5.24	0.33	7.779
4/25/2002	32.65	4.83	0.39	8.018
4/26/2002	32.42	4.88	0.39	8.051
4/27/2002	32.03	4.96	0.39	8.078
4/28/2002	33.11	4.91	0.38	7.923
4/29/2002	28.60	5.04	0.32	8.493
4/30/2002	28.64	4.78	0.27	8.529
5/1/2002	28.64	4.78	0.27	8.529
5/2/2002	30.02	5.31	0.32	8.222
5/3/2002	0.00	0.00	0.00	0
5/4/2002	0.00	0.00	0.00	0
5/5/2002	0.00	0.00	0.00	0
5/6/2002	0.00	0.00	0.00	0
5/7/2002	0.00	0.00	0.00	0
5/8/2002	0.00	0.00	0.00	0
5/9/2002	0.00	0.00	0.00	0
5/10/2002	0.00	0.00	0.00	0
5/11/2002	0.00	0.00	0.00	0
5/12/2002	0.00	0.00	0.00	0
5/13/2002	30.02	5.31	0.32	8.222
5/14/2002	30.52	4.98	0.32	8.223
5/15/2002	28.96	4.41	0.25	8.496
5/16/2002	29.79	5.31	0.35	8.296
5/17/2002	31.16	4.96	0.35	8.145
5/18/2002	28.79	5.32	0.32	8.418
5/19/2002	23.59	5.42	0.35	9.042
5/20/2002	27.26	5.29	0.34	8.609
5/21/2002	27.41	5.32	0.34	8.568
5/22/2002	30.53	4.84	0.28	8.247
5/23/2002	29.16	4.66	0.24	8.434
5/24/2002	29.57	4.75	0.24	8.414
5/25/2002	28.38	5.00	0.25	8.521
5/26/2002	29.65	5.00	0.25	8.388
5/27/2002	29.35	5.49	0.35	8.342
5/28/2002	29.35	5.49	0.35	8.342
5/29/2002	29.35	5.08	0.30	8.392
5/30/2002	29.63	4.61	0.27	8.425
5/31/2002	30.91	4.82	0.30	8.201
6/1/2002	28.26	5.10	0.19	8.474
6/2/2002	29.25	5.50	0.25	8.314
6/3/2002	28.49	4.38	0.21	8.544
6/4/2002	30.69	4.38	0.29	8.321
6/5/2002	27.74	4.58	0.25	8.638
6/6/2002	30.99	4.90	0.33	8.140
6/7/2002	31.30	4.92	0.28	8.124
6/8/2002	27.01	5.91	0.26	8.487
6/9/2002	33.62	4.36	0.28	7.883
6/10/2002	28.84	5.65	0.23	8.605
6/11/2002	30.37	4.59	0.23	8.299
6/12/2002	30.47	5.30	0.22	8.195
6/13/2002	31.87	4.51	0.27	8.129
6/14/2002	30.17	5.04	0.26	8.204
6/15/2002	29.05	4.67	0.26	8.413
6/16/2002	31.06	4.97	0.26	8.132
6/17/2002	28.80	5.17	0.24	8.390
6/18/2002	30.13	4.58	0.24	8.303
6/19/2002	30.87	4.68	0.29	8.198
6/20/2002	28.69	5.31	0.24	8.398
6/21/2002	30.55	4.71	0.28	8.286
6/22/2002	29.46	4.92	0.27	8.390
6/23/2002	30.25	4.67	0.22	8.354
6/24/2002	29.36	4.88	0.22	8.426
6/25/2002	31.77	4.67	0.28	8.163
6/26/2002	33.52	5.18	0.21	7.867
6/27/2002	27.61	5.16	0.26	8.652
6/28/2002	29.53	8.00	0.27	7.924
6/29/2002	29.28	6.84	0.33	8.113
6/30/2002	26.24	7.00	0.33	8.458
7/1/2002	27.46	8.80	0.29	8.068
7/2/2002	27.83	7.57	0.22	8.225
7/3/2002	27.39	7.47	0.23	8.239
7/4/2002	31.32	4.58	0.30	8.144
7/5/2002	29.99	4.64	0.27	8.297
7/6/2002	28.87	4.72	0.31	8.466
7/7/2002	29.23	4.73	0.32	8.366
7/8/2002	28.87	4.80	0.25	8.501
7/9/2002	30.96	5.07	0.44	8.184
7/10/2002	30.58	4.57	0.28	8.315
7/11/2002	29.00	5.02	0.29	8.431
7/12/2002	29.24	5.09	0.30	8.410
7/13/2002	34.06	5.11	0.29	7.720
7/14/2002	31.43	4.76	0.37	8.134
7/15/2002	29.43	4.52	0.27	8.416
7/16/2002	30.54	4.78	0.30	8.261
7/17/2002	30.35	5.15	0.36	8.247
7/18/2002	30.29	5.22	0.41	8.246
7/19/2002	29.99	5.76	0.38	8.244
7/20/2002	29.93	5.10	0.25	8.277
7/21/2002	29.13	4.86	0.24	8.419
7/22/2002	29.23	5.42	0.32	8.312
7/23/2002	29.55	4.54	0.27	8.429
7/24/2002	29.72	4.74	0.40	8.384
7/25/2002	24.67	5.92	0.38	8.783
7/26/2002	32.34	4.68	0.36	8.025
7/27/2002	34.00	4.77	0.29	7.804
7/28/2002	29.38	5.78	0.23	8.267
7/29/2002	27.99	4.67	0.24	

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8/10/2002	24.73	5.89	0.33	8,822
8/11/2002	27.23	5.56	0.36	8,553
8/12/2002	32.95	5.73	0.31	7,815
8/13/2002	31.03	5.95	0.26	8,022
8/14/2002	33.23	7.18	0.23	7,603
8/15/2002	0.00	0.00	0.00	0
8/16/2002	33.23	7.18	0.23	7,603
8/17/2002	33.23	7.18	0.23	7,603
8/18/2002	35.00	6.61	0.23	7,417
8/19/2002	30.53	5.73	0.28	8,165
8/20/2002	28.38	5.63	0.30	8,419
8/21/2002	28.72	5.02	0.29	8,705
8/22/2002	28.14	5.04	0.33	8,440
8/23/2002	26.39	6.54	0.28	8,568
8/24/2002	26.10	6.60	0.33	8,582
8/25/2002	27.47	6.65	0.26	8,400
8/26/2002	27.76	4.93	0.36	8,534
8/27/2002	28.30	4.96	0.34	8,478
8/28/2002	21.46	5.63	0.34	9,194
8/29/2002	29.37	5.34	0.26	8,301
8/30/2002	31.31	5.20	0.27	8,099
8/31/2002	25.35	5.56	0.32	8,761
9/1/2002	31.26	4.88	0.37	8,174
9/2/2002	29.33	5.53	0.34	8,312
9/3/2002	30.87	5.88	0.31	8,035
9/4/2002	19.90	7.63	0.32	9,134
9/5/2002	30.91	4.77	0.29	8,295
9/6/2002	23.68	5.51	0.32	8,989
9/7/2002	26.29	5.19	0.25	8,741
9/8/2002	30.85	5.55	0.26	8,082
9/9/2002	28.46	5.33	0.27	8,495
9/10/2002	30.46	4.38	0.25	8,343
9/11/2002	31.11	4.81	0.27	8,217
9/12/2002	31.40	4.51	0.26	8,282
9/13/2002	31.50	4.82	0.24	8,233
9/14/2002	29.93	5.13	0.28	8,357
9/15/2002	29.93	5.13	0.28	8,357
9/16/2002	30.98	4.27	0.25	8,262
9/17/2002	31.73	4.25	0.29	8,236
9/18/2002	30.86	4.64	0.27	8,322
9/19/2002	31.42	4.54	0.27	8,270
9/20/2002	30.24	4.81	0.25	8,004
9/21/2002	30.98	4.32	0.27	8,301
9/22/2002	31.11	4.44	0.28	8,273
9/23/2002	22.00	4.78	0.30	9,398
9/24/2002	28.64	5.35	0.39	8,569
9/25/2002	31.71	5.13	0.43	8,124
9/26/2002	31.98	4.77	0.31	8,115
9/27/2002	31.98	4.77	0.31	8,115
9/28/2002	31.98	4.77	0.31	8,115
9/29/2002	31.98	4.77	0.31	8,115
9/30/2002	0.00	0.00	0.00	0
10/1/2002	0.00	0.00	0.00	0
10/2/2002	0.00	0.00	0.00	0
10/3/2002	0.00	0.00	0.00	0
10/4/2002	0.00	0.00	0.00	0
10/5/2002	29.33	5.33	0.27	8,290
10/6/2002	30.38	5.33	0.29	8,229
10/7/2002	31.43	6.10	0.43	8,053
10/8/2002	27.21	6.33	0.45	8,524
10/9/2002	18.50	5.51	0.34	9,719
10/10/2002	27.21	6.04	0.39	8,590
10/11/2002	26.65	5.82	0.37	8,655
10/12/2002	29.44	4.38	0.29	8,474
10/13/2002	28.06	4.57	0.26	9,318
10/14/2002	34.62	6.37	0.34	7,535
10/15/2002	30.80	5.98	0.26	8,056
10/16/2002	30.80	5.98	0.26	8,056
10/17/2002	26.65	4.87	0.28	8,957
10/18/2002	26.65	4.87	0.28	8,957
10/19/2002	26.65	4.87	0.28	8,957
10/20/2002	26.65	4.87	0.28	8,957
10/21/2002	28.54	6.95	0.30	8,234
10/22/2002	30.61	5.57	0.29	8,900
10/23/2002	30.61	5.57	0.29	8,900
10/24/2002	24.66	6.14	0.26	8,903
10/25/2002	0.00	0.00	0.00	0
10/26/2002	0.00	0.00	0.00	0
10/27/2002	24.66	6.14	0.26	8,903
10/28/2002	33.56	5.09	0.29	7,893
10/29/2002	33.91	5.26	0.29	7,796
10/30/2002	32.48	5.33	0.29	7,991
10/31/2002	30.42	4.29	0.25	8,523
11/1/2002	30.99	4.51	0.29	8,313
11/2/2002	24.61	4.84	0.30	9,089
11/3/2002	26.33	4.72	0.29	8,871
11/4/2002	30.37	4.27	0.26	8,419
11/5/2002	30.37	4.27	0.26	8,419
11/6/2002	29.44	4.87	0.26	8,428
11/7/2002	29.19	5.23	0.24	8,547
11/8/2002	31.05	4.35	0.27	8,171
11/9/2002	31.05	4.35	0.27	8,171
11/10/2002	29.72	5.17	0.25	8,319
11/11/2002	29.03	5.17	0.26	8,507
11/12/2002	29.03	5.17	0.26	8,507
11/13/2002	27.58	4.88	0.24	8,682
11/14/2002	31.76	5.49	0.29	8,057
11/15/2002	30.83	4.69	0.26	8,313
11/16/2002	29.94	4.62	0.24	8,416
11/17/2002	30.70	4.45	0.29	8,423
11/18/2002	30.70	4.45	0.29	8,423
11/19/2002	30.70	4.45	0.29	8,423
11/20/2002	30.40	4.41	0.21	8,393
11/21/2002	30.78	5.01	0.38	8,218
11/22/2002	30.32	6.25	0.23	8,142
11/23/2002	31.89	4.70	0.26	8,177
11/24/2002	29.19	4.89	0.25	8,475
11/25/2002	30.35	4.53	0.32	8,342
11/26/2002	29.20	4.40	0.24	8,519
11/27/2002	28.77	4.47	0.21	8,582
11/28/2002	28.77	4.47	0.21	8,582
11/29/2002	29.67	4.98	0.25	8,408
11/30/2002	27.86	4.89	0.24	8,662
12/1/2002	29.48	4.46	0.24	8,516

8/10/2002	29.95	5.08	0.34	8,320
8/11/2002	31.43	4.65	0.31	8,192
8/12/2002	27.52	5.64	0.31	8,552
8/13/2002	28.25	5.59	0.30	8,689
8/14/2002	30.25	5.36	0.33	8,226
8/15/2002	30.08	5.36	0.29	8,260
8/16/2002	29.46	5.11	0.28	8,374
8/17/2002	27.11	5.43	0.25	8,600
8/18/2002	24.12	5.76	0.34	8,912
8/19/2002	21.26	6.76	0.34	9,102
8/20/2002	15.50	6.13	0.35	9,860
8/21/2002	13.63	6.91	0.39	9,957
8/22/2002	26.83	5.53	0.35	8,589
8/23/2002	29.86	5.58	0.36	8,238
8/24/2002	28.77	6.35	0.39	8,375
8/25/2002	23.52	6.62	0.35	8,873
8/26/2002	30.14	4.73	0.29	8,327
8/27/2002	29.90	4.58	0.25	8,310
8/28/2002	30.41	4.67	0.26	8,282
8/29/2002	28.14	4.94	0.32	8,545
8/30/2002	29.10	4.66	0.22	8,452
8/31/2002	28.79	4.74	0.24	8,467
9/1/2002	0.00	0.00	0.00	0
9/2/2002	24.54	4.66	0.26	9,039
9/3/2002	28.59	5.24	0.26	8,473
9/4/2002	30.95	4.84	0.33	8,200
9/5/2002	24.42	5.80	0.34	8,875
9/6/2002	29.00	4.87	0.27	8,492
9/7/2002	23.94	5.26	0.29	9,028
9/8/2002	28.73	4.96	0.25	8,453
9/9/2002	30.77	4.46	0.28	8,364
9/10/2002	31.23	4.46	0.27	8,234
9/11/2002	31.23	4.46	0.27	8,234
9/12/2002	32.21	4.64	0.29	8,123
9/13/2002	31.68	4.44	0.28	8,225
9/14/2002	28.46	5.03	0.21	8,522
9/15/2002	28.46	5.03	0.21	8,522
9/16/2002	31.84	4.37	0.24	8,203
9/17/2002	30.84	4.61	0.28	8,309
9/18/2002	30.75	4.33	0.25	8,390
9/19/2002	30.63	4.35	0.26	8,360
9/20/2002	31.34	4.68	0.23	8,203
9/21/2002	32.67	4.55	0.37	8,058
9/22/2002	32.01	4.16	0.27	8,225
9/23/2002	27.83	4.27	0.18	8,735
9/24/2002	27.87	4.25	0.23	8,661
9/25/2002	32.12	5.25	0.39	8,082
9/26/2002	31.17	4.45	0.26	8,232
9/27/2002	31.16	4.37	0.26	8,218
9/28/2002	31.34	4.46	0.24	8,223
9/29/2002	30.48	4.44	0.25	8,322
9/30/2002	30.48	4.44	0.25	8,322
10/1/2002	0.00	0.00	0.00	0
10/2/2002	28.50	4.67	0.21	8,529
10/3/2002	28.83	5.44	0.21	8,400
10/4/2002	32.25	5.05	0.30	8,050
10/5/2002	32.25	5.05	0.30	8,050
10/6/2002	32.25	5.05	0.30	8,050
10/7/2002	0.00	0.00	0.00	0
10/8/2002	0.00	0.00	0.00	0
10/9/2002	0.00	0.00	0.00	0
10/10/2002	0.00	0.00	0.00	0
10/11/2002	0.00	0.00	0.00	0
10/12/2002	32.25	5.05	0.30	8,050
10/13/2002	29.83	4.63	0.26	8,325
10/14/2002	29.83	4.63	0.26	8,325
10/15/2002	29.83	4.63	0.26	8,325
10/16/2002	29.83	4.63	0.26	8,325
10/17/2002	29.83	4.63	0.26	8,325
10/18/2002	29.83	4.63	0.26	8,325
10/19/2002	29.83	4.63	0.26	8,325
10/20/2002	29.83	4.63	0.26	8,325
10/21/2002	32.04	4.35	0.26	8,177
10/22/2002	30.04	4.57	0.28	8,426
10/23/2002	28.94	5.14	0.30	8,493
10/24/2002	31.19	4.75	0.23	8,190
10/25/2002	31.67	4.59	0.32	8,185
10/26/2002	31.24	4.46	0.30	8,253
10/27/2002	30.11	4.47	0.34	8,409
10/28/2002	30.11	4.47	0.34	8,409
10/29/2002	30.11	4.47	0.34	8,409
10/30/2002	30.11	4.47	0.34	8,409
10/31/2002	31.33	4.16	0.24	8,301
11/1/2002	31.33	4.16	0.24	8,301
11/2/2002	33.58	4.12	0.25	8,046
11/3/2002	31.71	4.28	0.24	8,228
11/4/2002	31.90	4.24	0.24	8,221
11/5/2002	31.90	4.24	0.24	8,221
11/6/2002	30.30	5.12	0.23	8,281
11/7/2002	30.30	5.12	0.23	8,281
11/8/2002	30.30	5.12	0.23	8,281
11/9/2002	30.30	5.12	0.23	8,281
11/10/2002	29.32	4.87	0.29	8,444
11/11/2002	29.32	4.87	0.29	8,444
11/12/2002	29.32	4.87	0.28	8,444
11/13/2002	32.51	4.60	0.34	8,043
11/14/2002	32.44	4.65	0.33	8,075
11/15/2002	32.58	4.38	0.25	8,095
11/16/2002	31.47	4.71	0.30	8,221
11/17/2002	33.85	4.33	0.31	7,978
11/18/2002	32.43	4.82	0.29	8,054

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12/2/2002	29.33	7.37	0.34	8,136
12/3/2002	29.26	7.03	0.37	8,185
12/4/2002	28.24	6.52	0.35	8,404
12/5/2002	29.39	5.43	0.27	8,329
12/6/2002	29.45	5.17	0.26	8,389
12/7/2002	28.34	5.37	0.28	8,538
12/8/2002	28.36	5.05	0.26	8,550
12/9/2002	32.73	4.97	0.33	7,991
12/10/2002	33.23	4.69	0.33	7,924
12/11/2002	0.00	0.00	0.00	0
12/12/2002	31.68	4.92	0.30	8,094
12/13/2002	31.68	4.92	0.30	8,094
12/14/2002	29.93	4.59	0.25	8,361
12/15/2002	29.93	4.59	0.25	8,361
12/16/2002	30.63	4.91	0.25	8,298
12/17/2002	31.99	4.42	0.24	8,214
12/18/2002	31.97	4.13	0.20	8,225
12/19/2002	30.96	4.85	0.23	8,293
12/20/2002	30.64	5.45	0.25	8,248
12/21/2002	32.78	4.79	0.24	8,003
12/22/2002	31.30	4.77	0.25	8,187
12/23/2002	31.30	4.77	0.25	8,187
12/24/2002	31.30	4.77	0.25	8,187
12/25/2002	29.93	4.75	0.28	9,138
12/26/2002	32.02	4.43	0.20	8,138
12/27/2002	32.02	4.43	0.20	8,138
12/28/2002	32.02	4.43	0.20	8,138
12/29/2002	32.02	4.43	0.20	8,138
12/30/2002	29.96	4.94	0.23	8,347
12/31/2002	31.39	5.00	0.28	8,147

12/2/2002	28.62	4.23	0.26	8,601
12/3/2002	28.43	4.74	0.29	8,612
12/4/2002	29.39	6.09	0.34	8,311
12/5/2002	28.43	4.84	0.26	8,555
12/6/2002	28.84	4.57	0.24	8,563
12/7/2002	28.83	4.68	0.26	8,542
12/8/2002	29.73	4.56	0.25	8,448
12/9/2002	30.67	4.85	0.29	8,220
12/10/2002	33.66	4.92	0.30	7,718
12/11/2002	30.67	4.85	0.29	8,220
12/12/2002	30.67	4.85	0.29	8,220
12/13/2002	30.67	4.85	0.29	8,220
12/14/2002	30.67	4.85	0.29	8,220
12/15/2002	30.67	4.85	0.29	8,220
12/16/2002	33.76	4.31	0.20	7,983
12/17/2002	31.53	4.30	0.21	8,249
12/18/2002	31.56	4.27	0.21	8,236
12/19/2002	31.31	4.90	0.21	8,205
12/20/2002	33.09	5.17	0.23	7,906
12/21/2002	29.23	4.78	0.24	8,482
12/22/2002	34.33	4.47	0.28	7,842
12/23/2002	24.89	4.57	0.25	9,035
12/24/2002	29.35	4.66	0.34	8,459
12/25/2002	26.08	4.81	0.19	8,880
12/26/2002	30.27	5.62	0.25	8,204
12/27/2002	30.27	5.62	0.25	8,204
12/28/2002	30.27	5.62	0.25	8,204
12/29/2002	30.27	5.62	0.25	8,204
12/30/2002	30.61	4.83	0.19	8,270
12/31/2002	30.61	4.83	0.19	8,270

12/2/2002	30.84	5.00	0.35	8,213
12/3/2002	28.63	4.66	0.25	8,555
12/4/2002	30.32	5.61	0.32	8,268
12/5/2002	29.17	4.73	0.24	8,506
12/6/2002	28.90	5.24	0.22	8,464
12/7/2002	28.80	5.19	0.22	8,487
12/8/2002	30.36	5.21	0.25	8,287
12/9/2002	31.87	5.32	0.25	7,998
12/10/2002	33.55	4.44	0.29	7,951
12/11/2002	32.58	4.72	0.27	8,011
12/12/2002	29.40	5.44	0.25	8,321
12/13/2002	29.40	5.44	0.25	8,321
12/14/2002	33.08	4.29	0.22	7,988
12/15/2002	30.53	4.74	0.21	8,327
12/16/2002	30.18	5.01	0.29	8,301
12/17/2002	29.20	4.96	0.29	8,443
12/18/2002	32.03	4.50	0.28	8,164
12/19/2002	31.71	4.94	0.22	8,118
12/20/2002	32.44	4.93	0.24	7,996
12/21/2002	32.58	5.22	0.23	7,958
12/22/2002	31.98	4.70	0.30	8,113
12/23/2002	27.67	4.90	0.31	8,661
12/24/2002	26.03	4.95	0.34	8,868
12/25/2002	26.03	4.95	0.34	8,868
12/26/2002	26.03	4.95	0.34	8,868
12/27/2002	31.68	4.81	0.26	8,170
12/28/2002	31.82	4.94	0.27	8,170
12/29/2002	32.42	4.86	0.26	8,083
12/30/2002	31.08	4.73	0.26	8,226
12/31/2002	31.43	5.26	0.33	8,121

Welsh Power Plant
2000 - 2006
Coal Burn
Analysis - Unit samples

Unit #1					Unit #2					Unit #3				
DATE	%	%	%	BTU/lb	DATE	%	%	%	BTU/lb	DATE	%	%	%	BTU/lb
	Moisture	Ash	Sulfur (wet)			Moisture	Ash	Sulfur (wet)			Moisture	Ash	Sulfur (wet)	
1/1/2003	31.94	4.76	0.31	8,124	1/1/2003	32.09	4.74	0.26	8,121	1/1/2003	30.51	5.14	0.32	8,207
1/2/2003	30.63	4.83	0.31	8,365	1/2/2003	29.47	4.64	0.30	8,474	1/2/2003	30.99	4.60	0.29	8,225
1/3/2003	30.69	4.58	0.31	8,247	1/3/2003	27.58	4.85	0.24	8,674	1/3/2003	29.56	4.83	0.25	8,451
1/4/2003	28.45	4.72	0.21	8,580	1/4/2003	31.66	4.18	0.36	8,202	1/4/2003	30.81	4.49	0.33	8,319
1/5/2003	29.69	4.87	0.31	8,376	1/5/2003	29.67	4.79	0.33	8,415	1/5/2003	30.24	4.87	0.41	8,321
1/6/2003	29.91	5.32	0.22	8,255	1/6/2003	30.04	4.88	0.24	8,328	1/6/2003	32.07	4.34	0.30	8,146
1/7/2003	32.22	4.51	0.28	8,103	1/7/2003	32.31	4.31	0.29	8,087	1/7/2003	30.06	4.55	0.23	8,369
1/8/2003	30.77	4.26	0.30	8,315	1/8/2003	32.21	4.26	0.32	8,133	1/8/2003	28.03	4.60	0.21	8,611
1/9/2003	30.14	4.24	0.23	8,426	1/9/2003	31.33	4.52	0.27	8,254	1/9/2003	30.57	4.73	0.27	8,236
1/10/2003	27.79	4.39	0.24	8,667	1/10/2003	27.39	4.86	0.24	8,667	1/10/2003	28.68	5.21	0.23	8,443
1/11/2003	29.27	4.63	0.22	8,455	1/11/2003	30.85	4.89	0.28	8,221	1/11/2003	30.31	4.57	0.33	8,356
1/12/2003	28.13	4.83	0.24	8,582	1/12/2003	27.83	5.04	0.24	8,582	1/12/2003	28.68	5.21	0.23	8,443
1/13/2003	29.85	4.57	0.31	8,388	1/13/2003	30.34	4.40	0.25	8,373	1/13/2003	30.31	4.57	0.33	8,356
1/14/2003	29.46	4.59	0.32	8,501	1/14/2003	30.34	4.40	0.25	8,373	1/14/2003	29.71	4.89	0.33	8,447
1/15/2003	30.90	4.48	0.33	8,259	1/15/2003	31.81	4.29	0.34	8,176	1/15/2003	29.71	4.89	0.33	8,447
1/16/2003	28.86	5.79	0.27	8,377	1/16/2003	23.66	4.89	0.26	8,351	1/16/2003	29.71	4.89	0.33	8,447
1/17/2003	28.49	4.93	0.30	8,551	1/17/2003	29.04	4.88	0.27	8,463	1/17/2003	29.71	4.89	0.33	8,447
1/18/2003	28.96	5.00	0.31	8,480	1/18/2003	30.66	4.55	0.30	8,308	1/18/2003	31.18	4.53	0.34	8,218
1/19/2003	29.16	4.73	0.38	8,504	1/19/2003	25.70	5.78	0.27	8,760	1/19/2003	14.81	6.65	0.35	8,420
1/20/2003	28.82	5.57	0.30	8,405	1/20/2003	32.75	5.33	0.38	7,953	1/20/2003	16.68	6.62	0.39	8,420
1/21/2003	30.48	5.05	0.37	8,289	1/21/2003	31.11	4.90	0.39	8,206	1/21/2003	29.78	4.99	0.33	8,316
1/22/2003	0.00	0.00	0.00	0	1/22/2003	28.93	5.29	0.31	8,368	1/22/2003	30.10	4.80	0.31	8,350
1/23/2003	30.48	5.05	0.37	8,289	1/23/2003	30.82	4.90	0.28	8,202	1/23/2003	30.43	5.38	0.25	8,223
1/24/2003	31.76	4.95	0.29	8,067	1/24/2003	29.40	4.68	0.26	8,409	1/24/2003	30.43	5.38	0.25	8,223
1/25/2003	29.26	4.89	0.21	8,418	1/25/2003	30.22	5.15	0.23	8,242	1/25/2003	30.43	5.38	0.25	8,223
1/26/2003	31.22	4.44	0.25	8,295	1/26/2003	30.40	4.78	0.25	8,290	1/26/2003	30.43	5.38	0.25	8,223
1/27/2003	28.72	5.04	0.24	8,519	1/27/2003	31.21	4.51	0.28	8,206	1/27/2003	30.43	5.38	0.25	8,223
1/28/2003	29.39	4.61	0.26	8,480	1/28/2003	30.96	4.50	0.31	8,261	1/28/2003	30.43	5.38	0.25	8,223
1/29/2003	33.39	4.88	0.41	7,949	1/29/2003	30.96	4.50	0.31	8,261	1/29/2003	30.43	5.38	0.25	8,223
1/30/2003	30.89	4.85	0.24	8,286	1/30/2003	30.56	4.77	0.31	8,303	1/30/2003	28.92	5.19	0.34	8,479
1/31/2003	31.11	4.65	0.34	8,224	1/31/2003	30.38	4.64	0.33	8,316	1/31/2003	30.22	4.98	0.24	8,241
2/1/2003	29.99	4.78	0.29	8,366	2/1/2003	31.20	4.67	0.26	8,219	2/1/2003	27.33	4.89	0.29	8,695
2/2/2003	29.99	4.78	0.29	8,366	2/2/2003	30.17	4.20	0.23	8,379	2/2/2003	29.06	5.07	0.29	8,336
2/3/2003	28.69	5.87	0.41	8,392	2/3/2003	29.36	4.58	0.23	8,459	2/3/2003	28.81	4.38	0.24	8,583
2/4/2003	29.54	5.26	0.36	8,372	2/4/2003	30.51	4.67	0.34	8,303	2/4/2003	33.05	5.42	0.33	7,907
2/5/2003	31.60	5.08	0.31	8,104	2/5/2003	33.20	4.77	0.37	7,964	2/5/2003	33.17	4.70	0.35	7,974
2/6/2003	30.25	4.95	0.30	8,288	2/6/2003	31.17	4.50	0.31	8,221	2/6/2003	29.79	4.46	0.33	8,424
2/7/2003	31.30	4.55	0.33	8,226	2/7/2003	30.49	4.74	0.31	8,221	2/7/2003	30.20	4.53	0.29	8,320
2/8/2003	30.70	4.65	0.37	8,294	2/8/2003	30.15	4.62	0.35	8,341	2/8/2003	31.22	4.62	0.37	8,238
2/9/2003	29.35	4.92	0.31	8,395	2/9/2003	28.45	4.61	0.29	8,544	2/9/2003	29.62	4.73	0.30	8,396
2/10/2003	30.38	4.88	0.34	8,307	2/10/2003	31.93	4.67	0.34	8,132	2/10/2003	31.92	4.78	0.36	8,095
2/11/2003	30.38	4.88	0.34	8,307	2/11/2003	32.16	4.56	0.33	8,158	2/11/2003	31.50	4.61	0.34	8,239
2/12/2003	30.38	4.88	0.34	8,307	2/12/2003	29.06	4.24	0.31	8,557	2/12/2003	29.79	5.08	0.28	8,330
2/13/2003	29.30	4.88	0.28	8,448	2/13/2003	30.14	4.14	0.26	8,382	2/13/2003	30.02	4.48	0.27	8,416
2/14/2003	29.68	4.54	0.26	8,412	2/14/2003	31.01	4.45	0.30	8,245	2/14/2003	28.87	4.90	0.26	8,434
2/15/2003	28.63	4.88	0.26	8,518	2/15/2003	29.78	4.54	0.26	8,413	2/15/2003	30.67	4.84	0.35	8,210
2/16/2003	28.09	4.99	0.25	8,577	2/16/2003	28.91	4.43	0.25	8,556	2/16/2003	31.20	5.12	0.33	8,174
2/17/2003	27.57	4.83	0.26	8,627	2/17/2003	30.75	4.35	0.28	8,375	2/17/2003	29.29	5.60	0.25	8,337
2/18/2003	30.06	5.21	0.25	8,248	2/18/2003	30.50	5.50	0.24	8,209	2/18/2003	30.92	4.52	0.26	8,307
2/19/2003	31.16	4.96	0.41	8,200	2/19/2003	31.69	4.94	0.31	8,123	2/19/2003	31.20	5.10	0.26	8,125
2/20/2003	32.36	4.71	0.38	8,090	2/20/2003	31.26	4.49	0.28	8,226	2/20/2003	31.20	5.10	0.26	8,125
2/21/2003	31.75	4.43	0.28	8,178	2/21/2003	31.30	5.09	0.28	8,147	2/21/2003	31.20	5.10	0.26	8,125
2/22/2003	29.08	4.66	0.28	8,458	2/22/2003	31.30	5.09	0.28	8,147	2/22/2003	32.44	4.29	0.30	8,086
2/23/2003	32.44	4.54	0.27	8,084	2/23/2003	31.30	5.09	0.28	8,147	2/23/2003	32.33	4.51	0.26	8,118
2/24/2003	31.37	4.74	0.29	8,171	2/24/2003	32.20	4.79	0.26	8,036	2/24/2003	30.46	4.87	0.27	8,278
2/25/2003	34.04	4.32	0.26	8,322	2/25/2003	32.26	4.97	0.29	8,014	2/25/2003	32.71	4.45	0.28	8,057
2/26/2003	34.04	4.32	0.26	8,322	2/26/2003	32.26	4.97	0.29	8,014	2/26/2003	32.71	4.45	0.28	8,239
2/27/2003	34.04	4.32	0.26	8,322	2/27/2003	32.26	4.97	0.29	8,263	2/27/2003	32.71	4.45	0.28	8,239
2/28/2003	34.04	4.32	0.26	8,322	2/28/2003	32.26	4.97	0.29	8,263	2/28/2003	32.71	4.45	0.28	8,239
3/1/2003	29.64	4.84	0.33	8,435	3/1/2003	30.26	4.88	0.33	8,358	3/1/2003	31.21	4.81	0.32	8,266
3/2/2003	29.53	4.63	0.28	8,559	3/2/2003	30.53	4.81	0.33	8,304	3/2/2003	29.05	5.05	0.27	8,495
3/3/2003	29.48	4.81	0.35	8,431	3/3/2003	30.53	4.81	0.33	8,304	3/3/2003	30.67	4.54	0.28	8,340
3/4/2003	31.00	4.50	0.29	8,286	3/4/2003	30.53	4.81	0.33	8,304	3/4/2003	29.94	4.71	0.32	8,426
3/5/2003	31.00	4.50	0.29	8,286	3/5/2003	32.03	4.60	0.34	8,097	3/5/2003	29.94	4.71	0.32	8,426
3/6/2003	28.79	5.06	0.34	8,438	3/6/2003	30.51	4.72	0.31	8,258	3/6/2003	29.98	4.98	0.40	8,318
3/7/2003	28.79	5.06	0.34	8,438	3/7/2003	28.05	4.49	0.21	8,625	3/7/2003	29.97	4.78	0.36	8,333
3/8/2003	28.79	5.06	0.34	8,438	3/8/2003	30.89	4.19	0.27	8,340	3/8/2003	29.85	5.33	0.31	8,253
3/9/2003	28.79	5.06	0.34	8,438	3/9/2003	30.12	5.14	0.39	8,307	3/9/2003	28.72	5.38	0.26	8,464
3/10/2003	29.74	4.66	0.33	8,484	3/10/2003	30.59	4.63	0.31	8,322	3/10/2003	31.10	4.84	0.34	8,227
3/11/2003	32.02	4.36	0.33	8,173	3/11/2003	30.96	4.39	0.32	8,289	3/11/2003	30.15	4.79	0.37	8,371
3/12/2003	30.95	4.52	0.31	8,324	3/12/2003	29.66	4.54	0.36	8,529	3/12/2003	32.48	4.50	0.40	8,137
3/13/2003	30.80	4.67	0.30	8,304	3/13/2003	29.63	4.72	0.35	8,395	3/13/2003	29.08	4.89	0.34	8,573
3/14/2003	30.79	4.51	0.26	8,347	3/14/2003	32.55	4.22	0.22	8,116	3/14/2003	31.25	4.64	0.35	8,257
3/15/2003	30.28	4.65	0.33	8,373	3/15/2003	30.38	4.83	0.22	8,345	3/15/2003	29.91	4.83	0.29	8,399
3/16/2003	30.88	4.66	0.34	8,055	3/16/2003	31.25	4.39	0.30	8,248	3/16/2003	30.00	4.88	0.35	8,421
3/17/2003														

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4/16/2003	29.86	5.51	0.28	8,262
4/17/2003	30.53	5.01	0.30	8,238
4/18/2003	30.53	5.22	0.28	8,190
4/19/2003	30.45	4.69	0.28	8,324
4/20/2003	31.97	4.46	0.27	8,184
4/21/2003	30.90	4.49	0.26	8,294
4/22/2003	30.90	4.49	0.26	8,294
4/23/2003	30.90	4.49	0.26	8,294
4/24/2003	30.62	4.90	0.30	8,224
4/25/2003	30.32	4.85	0.31	8,328
4/26/2003	30.32	4.85	0.31	8,328
4/27/2003	0.00	0.00	0.00	0
4/28/2003	0.00	0.00	0.00	0
4/29/2003	0.00	0.00	0.00	0
4/30/2003	0.00	0.00	0.00	0
5/1/2003	0.00	0.00	0.00	0
5/2/2003	0.00	0.00	0.00	0
5/3/2003	0.00	0.00	0.00	0
5/4/2003	0.00	0.00	0.00	0
5/5/2003	31.00	4.80	0.30	8,241
5/6/2003	31.00	4.80	0.30	8,241
5/7/2003	31.00	4.80	0.30	8,241
5/8/2003	31.73	4.58	0.26	8,144
5/9/2003	31.19	4.77	0.26	8,202
5/10/2003	31.19	4.77	0.26	8,202
5/11/2003	32.75	4.57	0.26	8,019
5/12/2003	32.75	4.57	0.26	8,019
5/13/2003	32.75	4.57	0.26	8,019
5/14/2003	32.75	4.57	0.26	8,019
5/15/2003	31.90	4.49	0.32	8,140
5/16/2003	30.13	4.96	0.27	8,270
5/17/2003	30.56	4.45	0.31	8,346
5/18/2003	29.53	4.78	0.38	8,400
5/19/2003	27.38	4.75	0.27	8,693
5/20/2003	29.64	4.64	0.28	8,374
5/21/2003	32.23	4.71	0.29	8,078
5/22/2003	30.46	4.88	0.30	8,291
5/23/2003	26.81	4.38	0.26	8,832
5/24/2003	28.27	4.65	0.33	8,576
5/25/2003	29.72	4.60	0.34	8,407
5/26/2003	28.08	4.37	0.26	8,627
5/27/2003	30.73	4.72	0.34	8,294
5/28/2003	30.84	4.72	0.34	8,270
5/29/2003	31.00	4.93	0.30	8,175
5/30/2003	29.27	4.56	0.25	8,466
5/31/2003	29.27	4.56	0.25	8,466
6/1/2003	28.69	4.69	0.27	8,482
6/2/2003	29.14	4.48	0.22	8,499
6/3/2003	29.65	4.59	0.23	8,446
6/4/2003	29.65	4.59	0.23	8,446
6/5/2003	30.74	4.61	0.27	8,306
6/6/2003	30.82	4.92	0.21	8,200
6/7/2003	30.82	4.92	0.21	8,200
6/8/2003	30.82	4.92	0.21	8,200
6/9/2003	30.48	4.61	0.22	8,290
6/10/2003	31.13	5.53	0.32	8,088
6/11/2003	30.07	5.70	0.31	8,259
6/12/2003	30.10	4.70	0.35	8,344
6/13/2003	32.09	4.44	0.34	8,100
6/14/2003	32.27	4.13	0.25	8,131
6/15/2003	30.29	4.23	0.28	8,369
6/16/2003	30.29	4.23	0.28	8,369
6/17/2003	30.29	4.23	0.28	8,369
6/18/2003	28.56	4.68	0.28	8,521
6/19/2003	27.76	4.70	0.26	8,607
6/20/2003	28.95	5.10	0.28	8,467
6/21/2003	28.75	4.39	0.32	8,565
6/22/2003	28.36	4.40	0.28	8,589
6/23/2003	32.75	4.37	0.31	8,036
6/24/2003	30.59	6.05	0.30	8,106
6/25/2003	30.18	4.31	0.26	8,243
6/26/2003	30.51	4.21	0.25	8,334
6/27/2003	29.64	4.56	0.29	8,430
6/28/2003	30.53	4.54	0.32	8,272
6/29/2003	29.06	4.82	0.23	8,449
6/30/2003	29.06	4.82	0.23	8,449
7/1/2003	30.08	4.68	0.27	8,337
7/2/2003	30.08	4.68	0.27	8,337
7/3/2003	31.62	5.27	0.38	8,059
7/4/2003	29.64	5.27	0.30	8,285
7/5/2003	30.09	5.36	0.31	8,225
7/6/2003	30.09	5.36	0.31	8,225
7/7/2003	28.65	4.69	0.27	8,520
7/8/2003	29.51	4.91	0.34	8,459
7/9/2003	30.33	4.64	0.33	8,345
7/10/2003	30.33	4.64	0.33	8,345
7/11/2003	32.90	5.02	0.36	7,909
7/12/2003	30.56	4.64	0.34	8,321
7/13/2003	27.90	4.55	0.28	8,661
7/14/2003	28.61	4.28	0.23	8,571
7/15/2003	28.60	4.51	0.32	8,530
7/16/2003	30.89	4.70	0.29	8,192
7/17/2003	29.15	4.75	0.34	8,435
7/18/2003	29.07	4.91	0.29	8,378
7/19/2003	30.64	4.69	0.37	8,251
7/20/2003	30.36	5.07	0.39	8,222
7/21/2003	31.05	4.52	0.39	8,253
7/22/2003	31.12	5.32	0.39	8,088
7/23/2003	30.69	4.82	0.37	8,259
7/24/2003	30.08	4.68	0.27	8,337
7/25/2003	30.08	4.68	0.27	8,337
7/26/2003	30.08	4.68	0.27	8,337
7/27/2003	30.08	4.68	0.27	8,337
7/28/2003	29.02	4.67	0.29	8,460
7/29/2003	31.37	4.41	0.29	8,217
7/30/2003	28.56	4.51	0.27	8,556
7/31/2003	30.12	4.65	0.33	8,316
8/1/2003	28.63	4.94	0.27	8,395
8/2/2003	30.92	4.54	0.31	8,207
8/3/2003	31.10	4.62	0.37	8,176
8/4/2003	31.54	4.90	0.36	8,050

4/16/2003	0.00	0.00	0.00	0
4/17/2003	0.00	0.00	0.00	0
4/18/2003	0.00	0.00	0.00	0
4/19/2003	0.00	0.00	0.00	0
4/20/2003	0.00	0.00	0.00	0
4/21/2003	0.00	0.00	0.00	0
4/22/2003	0.00	0.00	0.00	0
4/23/2003	0.00	0.00	0.00	0
4/24/2003	0.00	0.00	0.00	0
4/25/2003	31.59	5.16	0.40	8,081
4/26/2003	31.21	4.95	0.39	8,194
4/27/2003	31.56	5.39	0.44	8,061
4/28/2003	28.60	5.70	0.25	8,346
4/29/2003	29.77	5.28	0.27	8,290
4/30/2003	29.12	5.39	0.24	8,466
5/1/2003	30.10	5.40	0.30	8,270
5/2/2003	30.10	5.40	0.30	8,270
5/3/2003	32.09	4.86	0.30	8,393
5/4/2003	32.09	4.86	0.30	8,393
5/5/2003	24.86	5.49	0.22	8,913
5/6/2003	24.56	5.68	0.21	8,940
5/7/2003	30.61	5.54	0.20	8,315
5/8/2003	31.58	4.96	0.32	8,117
5/9/2003	31.63	5.10	0.29	8,107
5/10/2003	30.10	5.40	0.30	8,270
5/11/2003	30.10	5.40	0.30	8,270
5/12/2003	30.10	5.40	0.30	8,270
5/13/2003	30.10	5.40	0.30	8,270
5/14/2003	31.41	5.10	0.35	8,131
5/15/2003	30.56	4.28	0.28	8,379
5/16/2003	26.98	5.37	0.35	8,667
5/17/2003	29.85	4.41	0.30	8,459
5/18/2003	30.22	4.72	0.31	8,329
5/19/2003	30.86	4.90	0.26	8,210
5/20/2003	29.59	4.68	0.27	8,406
5/21/2003	30.97	4.61	0.35	8,231
5/22/2003	29.04	4.75	0.30	8,471
5/23/2003	29.16	4.69	0.28	8,463
5/24/2003	28.44	4.80	0.32	8,535
5/25/2003	28.59	4.73	0.31	8,527
5/26/2003	25.02	4.95	0.31	8,942
5/27/2003	25.02	4.95	0.31	8,942
5/28/2003	25.02	4.95	0.31	8,942
5/29/2003	30.05	4.69	0.35	8,328
5/30/2003	30.80	4.77	0.36	8,242
5/31/2003	30.68	4.88	0.33	8,245
6/1/2003	27.66	5.02	0.39	8,636
6/2/2003	27.64	4.46	0.27	8,671
6/3/2003	29.76	4.59	0.22	8,418
6/4/2003	32.88	4.57	0.33	7,987
6/5/2003	27.33	5.09	0.28	8,639
6/6/2003	27.53	5.01	0.26	8,609
6/7/2003	30.63	4.54	0.30	8,311
6/8/2003	31.03	4.72	0.25	8,282
6/9/2003	29.06	4.39	0.24	8,498
6/10/2003	32.45	4.82	0.30	8,043
6/11/2003	30.83	4.44	0.27	8,285
6/12/2003	30.87	4.43	0.33	8,258
6/13/2003	30.14	4.59	0.36	8,326
6/14/2003	28.83	4.61	0.21	8,502
6/15/2003	31.32	4.13	0.28	8,237
6/16/2003	30.14	5.10	0.35	8,342
6/17/2003	31.97	4.14	0.28	8,153
6/18/2003	29.58	4.67	0.24	8,417
6/19/2003	31.36	4.41	0.32	8,199
6/20/2003	29.44	4.45	0.29	8,420
6/21/2003	29.88	4.62	0.32	8,359
6/22/2003	29.57	4.51	0.29	8,396
6/23/2003	32.45	4.92	0.38	8,021
6/24/2003	30.96	4.75	0.35	8,208
6/25/2003	32.13	4.36	0.32	8,103
6/26/2003	29.14	4.85	0.34	8,428
6/27/2003	26.54	4.90	0.33	8,697
6/28/2003	30.98	4.62	0.34	8,215
6/29/2003	29.94	4.46	0.25	8,372
6/30/2003	31.40	4.53	0.32	8,179
7/1/2003	31.63	4.46	0.28	8,117
7/2/2003	31.29	4.91	0.35	8,121
7/3/2003	31.50	5.10	0.37	8,120
7/4/2003	29.55	5.31	0.41	8,281
7/5/2003	31.55	5.10	0.37	7,972
7/6/2003	31.01	5.07	0.39	8,163
7/7/2003	30.20	4.50	0.27	8,406
7/8/2003	29.46	4.74	0.33	8,371
7/9/2003	31.49	4.57	0.35	8,188
7/10/2003	25.48	5.04	0.27	8,669
7/11/2003	29.42	4.72	0.36	8,472
7/12/2003	32.81	4.94	0.34	8,007
7/13/2003	28.02	4.65	0.24	8,616
7/14/2003	27.60	4.33	0.22	8,678
7/15/2003	25.28	4.64	0.24	8,942
7/16/2003	29.01	4.38	0.21	8,445
7/17/2003	29.96	4.65	0.34	8,332
7/18/2003	30.21	4.62	0.25	8,287
7/19/2003	28.99	5.24	0.35	8,325
7/20/2003	30.55	4.83	0.37	8,208
7/21/2003	30.66	4.92	0.42	8,226
7/22/2003	30.85	4.48	0.30	8,239
7/23/2003	30.13	4.62	0.30	8,338
7/24/2003	30.13	4.62	0.30	8,338
7/25/2003	30.13	4.62	0.30	8,338
7/26/2003	30.13	4.62	0.30	8,338
7/27/2003	30.13	4.62	0.30	8,338
7/28/2003	29.42	4.67	0.24	8,315
7/29/2003	30.34	5.13	0.44	8,226
7/30/2003	31.25	4.60	0.29	8,116
7/3				

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8/5/2003	30.33	5.21	0.40	8.182
8/6/2003	31.20	4.97	0.30	8.141
8/7/2003	31.79	4.76	0.37	8.122
8/8/2003	32.00	4.65	0.37	8.052
8/9/2003	32.06	4.69	0.37	8.017
8/10/2003	32.06	4.69	0.37	8.017
8/11/2003	0.00	0.00	0.00	0
8/12/2003	30.53	4.48	0.27	8.212
8/13/2003	0.00	0.00	0.00	0
8/14/2003	29.27	4.27	0.28	8.538
8/15/2003	28.61	4.08	0.24	8.637
8/16/2003	27.42	5.10	0.22	8.632
8/17/2003	28.64	4.70	0.29	8.450
8/18/2003	30.43	5.09	0.46	8.256
8/19/2003	31.75	4.75	0.30	8.004
8/20/2003	30.88	4.50	0.29	8.254
8/21/2003	31.79	4.54	0.32	8.138
8/22/2003	30.68	4.66	0.35	8.256
8/23/2003	0.00	0.00	0.00	0
8/24/2003	0.00	0.00	0.00	0
8/25/2003	0.00	0.00	0.00	0
8/26/2003	0.00	0.00	0.00	0
8/27/2003	30.88	4.66	0.35	8.256
8/28/2003	32.81	4.47	0.37	7.995
8/29/2003	30.85	5.04	0.32	8.158
8/30/2003	32.27	5.11	0.33	7.997
8/31/2003	31.67	5.10	0.33	8.058
9/1/2003	31.72	4.92	0.37	8.103
9/2/2003	35.50	4.77	0.36	7.608
9/3/2003	32.41	4.53	0.31	8.069
9/4/2003	32.88	4.71	0.29	7.981
9/5/2003	31.94	4.78	0.31	8.071
9/6/2003	28.92	5.14	0.27	8.434
9/7/2003	29.93	5.07	0.26	8.320
9/8/2003	29.93	5.07	0.26	8.320
9/9/2003	29.93	5.07	0.26	8.320
9/10/2003	29.93	5.07	0.26	8.320
9/11/2003	29.49	4.96	0.32	8.362
9/12/2003	27.23	4.46	0.24	8.728
9/13/2003	30.65	4.31	0.26	8.294
9/14/2003	30.64	4.66	0.26	8.104
9/15/2003	32.83	4.62	0.34	7.969
9/16/2003	31.52	4.67	0.30	8.153
9/17/2003	31.52	4.67	0.30	8.153
9/18/2003	31.52	4.67	0.30	8.153
9/19/2003	30.74	4.92	0.36	8.267
9/20/2003	30.74	4.92	0.36	8.267
9/21/2003	30.74	4.92	0.36	8.267
9/22/2003	29.37	4.80	0.31	8.438
9/23/2003	29.26	4.67	0.31	8.416
9/24/2003	29.73	4.52	0.23	8.497
9/25/2003	29.40	5.05	0.27	8.378
9/26/2003	29.91	4.82	0.29	8.388
9/27/2003	31.23	4.42	0.29	8.290
9/28/2003	30.51	4.39	0.27	8.409
9/29/2003	30.51	4.39	0.27	8.409
9/30/2003	30.51	4.39	0.27	8.409
10/1/2003	30.72	4.75	0.30	8.259
10/2/2003	30.72	4.75	0.30	8.259
10/3/2003	30.72	4.75	0.30	8.259
10/4/2003	30.72	4.75	0.30	8.259
10/5/2003	30.72	4.75	0.30	8.259
10/6/2003	35.15	4.72	0.30	7.717
10/7/2003	30.02	4.69	0.26	8.348
10/8/2003	30.02	4.69	0.26	8.348
10/9/2003	28.54	5.44	0.35	8.448
10/10/2003	30.39	5.31	0.28	8.198
10/11/2003	31.17	4.88	0.33	8.211
10/12/2003	30.57	4.95	0.35	8.271
10/13/2003	31.31	5.05	0.34	8.197
10/14/2003	28.31	5.20	0.34	8.549
10/15/2003	30.21	5.21	0.33	8.347
10/16/2003	29.74	4.65	0.31	8.401
10/17/2003	30.21	4.68	0.30	8.353
10/18/2003	29.78	4.81	0.29	8.365
10/19/2003	29.83	4.37	0.30	8.453
10/20/2003	30.31	4.58	0.32	8.340
10/21/2003	26.37	4.47	0.30	8.831
10/22/2003	28.21	4.79	0.26	8.659
10/23/2003	28.21	4.79	0.26	8.659
10/24/2003	28.21	4.79	0.26	8.659
10/25/2003	28.21	4.79	0.26	8.659
10/26/2003	28.21	4.79	0.26	8.659
10/27/2003	29.55	4.61	0.30	8.494
10/28/2003	26.63	5.20	0.31	8.792
10/29/2003	29.15	4.88	0.24	8.493
10/30/2003	30.06	4.92	0.33	8.360
10/31/2003	30.81	4.85	0.31	8.250
11/1/2003	29.76	4.84	0.30	8.399
11/2/2003	0.00	0.00	0.00	0
11/3/2003	0.00	0.00	0.00	0
11/4/2003	0.00	0.00	0.00	0
11/5/2003	0.00	0.00	0.00	0
11/6/2003	0.00	0.00	0.00	0
11/7/2003	0.00	0.00	0.00	0
11/8/2003	0.00	0.00	0.00	0
11/9/2003	0.00	0.00	0.00	0
11/10/2003	0.00	0.00	0.00	0
11/11/2003	0.00	0.00	0.00	0
11/12/2003	0.00	0.00	0.00	0
11/13/2003	0.00	0.00	0.00	0
11/14/2003	0.00	0.00	0.00	0
11/15/2003	0.00	0.00	0.00	0
11/16/2003	0.00	0.00	0.00	0
11/17/2003	0.00	0.00	0.00	0
11/18/2003	0.00	0.00	0.00	0
11/19/2003	0.00	0.00	0.00	0
11/20/2003	0.00	0.00	0.00	0
11/21/2003	0.00	0.00	0.00	0
11/22/2003	0.00	0.00	0.00	0
11/23/2003	0.00	0.00	0.00	0

8/5/2003	28.87	5.12	0.40	8.369
8/6/2003	30.78	4.88	0.28	8.173
8/7/2003	24.18	5.34	0.43	8.898
8/8/2003	28.41	5.03	0.40	8.399
8/9/2003	26.81	5.11	0.41	8.608
8/10/2003	29.90	4.54	0.23	8.329
8/11/2003	29.32	4.71	0.33	8.336
8/12/2003	32.64	5.03	0.42	7.850
8/13/2003	32.38	4.96	0.38	7.923
8/14/2003	32.16	4.60	0.37	8.090
8/15/2003	30.26	5.03	0.31	8.306
8/16/2003	30.26	5.03	0.31	8.306
8/17/2003	30.26	5.03	0.31	8.306
8/18/2003	19.69	6.08	0.41	9.350
8/19/2003	18.96	5.95	0.42	9.392
8/20/2003	21.21	5.52	0.43	9.197
8/21/2003	33.11	4.62	0.37	7.965
8/22/2003	32.04	4.63	0.38	8.108
8/23/2003	28.48	5.04	0.45	8.763
8/24/2003	29.11	4.67	0.17	8.431
8/25/2003	29.11	4.67	0.17	8.431
8/26/2003	29.11	4.67	0.17	8.431
8/27/2003	29.11	4.67	0.17	8.431
8/28/2003	29.04	4.90	0.29	8.371
8/29/2003	29.87	4.60	0.25	8.339
8/30/2003	29.87	4.60	0.25	8.339
8/31/2003	0.00	0.00	0.00	0
9/1/2003	29.87	4.60	0.25	8.339
9/2/2003	31.12	4.66	0.28	8.178
9/3/2003	30.91	4.72	0.38	8.232
9/4/2003	31.53	4.50	0.26	8.192
9/5/2003	31.51	4.60	0.28	8.179
9/6/2003	29.40	5.70	0.26	8.251
9/7/2003	30.64	4.70	0.26	8.305
9/8/2003	32.41	4.55	0.29	8.051
9/9/2003	28.93	4.68	0.24	8.469
9/10/2003	28.87	4.54	0.24	8.490
9/11/2003	29.41	4.51	0.29	8.443
9/12/2003	26.29	4.49	0.28	8.816
9/13/2003	29.08	4.46	0.21	8.471
9/14/2003	28.24	4.60	0.19	8.540
9/15/2003	33.75	4.59	0.34	7.861
9/16/2003	30.33	4.66	0.34	8.252
9/17/2003	30.26	4.84	0.33	8.291
9/18/2003	30.26	4.84	0.33	8.291
9/19/2003	30.26	4.84	0.33	8.291
9/20/2003	30.26	4.84	0.33	8.291
9/21/2003	30.26	4.84	0.33	8.291
9/22/2003	28.01	4.65	0.31	8.632
9/23/2003	30.78	4.35	0.28	8.356
9/24/2003	27.83	5.40	0.31	8.559
9/25/2003	32.75	4.30	0.26	8.091
9/26/2003	30.73	4.78	0.28	8.305
9/27/2003	33.22	4.57	0.28	7.986
9/28/2003	33.22	4.57	0.28	7.986
9/29/2003	30.33	4.72	0.26	8.356
9/30/2003	30.33	4.72	0.26	8.356
10/1/2003	29.30	4.37	0.27	8.528
10/2/2003	29.30	4.37	0.27	8.528
10/3/2003	32.64	4.85	0.27	8.029
10/4/2003	30.67	13.08	0.30	8.108
10/5/2003	31.64	4.57	0.25	8.211
10/6/2003	31.64	4.57	0.25	8.211
10/7/2003	0.00	0.00	0.00	0
10/8/2003	0.00	0.00	0.00	0
10/9/2003	0.00	0.00	0.00	0
10/10/2003	0.00	0.00	0.00	0
10/11/2003	0.00	0.00	0.00	0
10/12/2003	0.00	0.00	0.00	0
10/13/2003	0.00	0.00	0.00	0
10/14/2003	0.00	0.00	0.00	0
10/15/2003	0.00	0.00	0.00	0
10/16/2003	28.73	4.36	0.23	8.559
10/17/2003	28.74	4.42	0.22	8.550
10/18/2003	28.29	4.23	0.22	8.617
10/19/2003	27.87	4.30	0.23	8.669
10/20/2003	27.79	4.66	0.29	8.635
10/21/2003	31.08	4.52	0.30	8.214
10/22/2003	31.08	4.52	0.30	8.214
10/23/2003	31.08	4.52	0.30	8.214
10/24/2003	31.08	4.52	0.30	8.214
10/25/2003	30.40	4.66	0.32	8.337
10/26/2003	32.13	4.59	0.34	8.171
10/27/2003	29.14	5.09	0.28	8.507
10/28/2003	26.78	5.08	0.27	8.779
10/29/2003	31.73	4.69	0.28	8.156
10/30/2003	31.55	4.55	0.30	8.224
10/31/2003	29.83	4.78	0.36	8.388
11/1/2003	31.35	4.86	0.26	8.209
11/2/2003	30.52	4.57	0.34	8.351
11/3/2003	30.97	4.78	0.32	8.270
11/4/2003	25.68	5.74	0.30	8.787
11/5/2003	30.84	5.00	0.21	8.235
11/6/2003	32.92	4.61	0.27	8.035
11/7/2003	30.73	4.81	0.24	8.390
11/8/2003	30.04	4.62	0.25	8.476
11/9/2003	30.20	4.52	0.26	8.463
11/10/2003	30.48	5.42	0.33	8.310
11/11/2003	29.63	5.07	0.31	8.427
11/12/2003	31.98	5.08	0.30	8.118
11/13/2003	32.28	4.81	0.34	8.177
11/14/2003	30.48	4.93	0.35	8.363
11/15/2003	29.99	4.80	0.33	8.434
11/16/2003	32.08	4.65	0.26	8.204
11/17/2003	32.08	4.65	0.26	8.204
11/18/2003	32.08	4.65	0.26	8.204
11/19/2003	32.08</			

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11/24/2003	0.00	0.00	0.00	0
11/25/2003	0.00	0.00	0.00	0
11/26/2003	29.76	4.84	0.30	8,399
11/27/2003	29.76	4.84	0.30	8,399
11/28/2003	29.76	4.84	0.30	8,399
11/29/2003	29.76	4.84	0.30	8,399
11/30/2003	25.00	4.74	0.25	9,055
12/1/2003	26.85	4.39	0.21	8,889
12/2/2003	29.53	4.47	0.21	8,515
12/3/2003	31.09	4.59	0.22	8,246
12/4/2003	31.09	4.59	0.22	8,246
12/5/2003	0.00	0.00	0.00	0
12/6/2003	0.00	0.00	0.00	0
12/7/2003	0.00	0.00	0.00	0
12/8/2003	0.00	0.00	0.00	0
12/9/2003	0.00	0.00	0.00	0
12/10/2003	0.00	0.00	0.00	0
12/11/2003	0.00	0.00	0.00	0
12/12/2003	0.00	0.00	0.00	0
12/13/2003	0.00	0.00	0.00	0
12/14/2003	0.00	0.00	0.00	0
12/15/2003	0.00	0.00	0.00	0
12/16/2003	30.82	4.63	0.27	8,207
12/17/2003	27.86	5.07	0.26	8,602
12/18/2003	23.71	4.70	0.22	9,199
12/19/2003	28.50	4.64	0.19	8,645
12/20/2003	28.50	4.64	0.19	8,645
12/21/2003	28.50	4.64	0.19	8,645
12/22/2003	29.92	4.70	0.21	8,401
12/23/2003	26.65	5.13	0.18	8,800
12/24/2003	28.37	5.05	0.18	8,593
12/25/2003	24.86	5.07	0.33	9,043
12/26/2003	28.31	4.68	0.29	8,648
12/27/2003	28.50	4.63	0.30	8,619
12/28/2003	28.50	4.63	0.30	8,619
12/29/2003	31.53	5.00	0.26	8,226
12/30/2003	30.72	5.16	0.25	8,229
12/31/2003	30.72	5.16	0.25	8,229

12/24/2003	31.85	4.52	0.34	8,151
12/25/2003	30.95	4.60	0.32	8,246
12/26/2003	31.26	4.83	0.32	8,198
12/27/2003	28.94	5.03	0.26	8,479
12/28/2003	29.70	5.26	0.21	8,378
12/29/2003	30.27	4.94	0.24	8,358
12/30/2003	28.21	4.73	0.21	8,633
12/31/2003	26.99	4.53	0.22	8,828
1/2/2004	28.88	4.64	0.24	8,562
1/3/2004	24.93	4.79	0.23	9,049
1/4/2004	30.81	4.23	0.23	8,369
1/5/2004	27.78	5.19	0.23	8,602
1/6/2004	29.36	4.68	0.25	8,436
1/7/2004	28.58	4.71	0.31	8,555
1/8/2004	27.65	5.10	0.24	8,653
1/9/2004	29.17	4.71	0.25	8,480
1/10/2004	27.11	5.56	0.24	8,636
1/11/2004	30.39	4.79	0.28	8,359
1/12/2004	30.39	4.79	0.28	8,359
1/13/2004	30.39	4.79	0.28	8,359
1/14/2004	30.39	4.79	0.28	8,359
1/15/2004	28.00	4.84	0.28	8,460
1/16/2004	32.62	4.59	0.25	8,055
1/17/2004	29.70	4.76	0.27	8,456
1/18/2004	21.30	5.09	0.23	9,511
1/19/2004	30.39	4.79	0.28	8,359
1/20/2004	0.00	0.00	0.00	0
1/21/2004	0.00	0.00	0.00	0
1/22/2004	0.00	0.00	0.00	0
1/23/2004	0.00	0.00	0.00	0
1/24/2004	0.00	0.00	0.00	0
1/25/2004	0.00	0.00	0.00	0
1/26/2004	0.00	0.00	0.00	0
1/27/2004	0.00	0.00	0.00	0
1/28/2004	0.00	0.00	0.00	0
1/29/2004	0.00	0.00	0.00	0
1/30/2004	30.39	4.79	0.28	8,359
1/31/2004	30.39	4.79	0.28	8,359

11/24/2003	31.65	4.73	0.36	8,121
11/25/2003	31.60	4.80	0.39	8,161
11/26/2003	29.39	4.71	0.28	8,470
11/27/2003	28.19	6.84	0.25	8,314
11/28/2003	30.72	4.78	0.28	8,285
11/29/2003	31.49	4.82	0.28	8,209
11/30/2003	31.49	4.82	0.28	8,209
12/1/2003	28.81	4.29	0.23	8,645
12/2/2003	28.27	5.23	0.22	8,577
12/3/2003	24.19	5.18	0.24	9,098
12/4/2003	24.19	5.18	0.24	9,098
12/5/2003	0.00	0.00	0.00	0
12/6/2003	0.00	0.00	0.00	0
12/7/2003	0.00	0.00	0.00	0
12/8/2003	0.00	0.00	0.00	0
12/9/2003	0.00	0.00	0.00	0
12/10/2003	0.00	0.00	0.00	0
12/11/2003	0.00	0.00	0.00	0
12/12/2003	0.00	0.00	0.00	0
12/13/2003	0.00	0.00	0.00	0
12/14/2003	0.00	0.00	0.00	0
12/15/2003	31.38	4.54	0.23	8,182
12/16/2003	31.38	4.54	0.23	8,182
12/17/2003	30.83	4.79	0.35	8,269
12/18/2003	27.22	4.46	0.22	8,844
12/19/2003	30.19	4.49	0.20	8,422
12/20/2003	30.40	4.95	0.30	8,314
12/21/2003	30.40	4.95	0.30	8,314
12/22/2003	30.40	4.95	0.30	8,314
12/23/2003	30.40	4.95	0.30	8,314
12/24/2003	30.40	4.95	0.30	8,314
12/25/2003	29.90	4.53	0.21	8,462
12/26/2003	28.33	4.90	0.22	8,567
12/27/2003	28.68	4.83	0.19	8,479
12/28/2003	29.84	4.75	0.21	8,405
12/29/2003	29.32	5.08	0.21	8,412
12/30/2003	31.97	4.76	0.25	8,151
12/31/2003	31.97	4.76	0.25	8,151

Welsh Power Plant
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Analysis - Unit Samples

Unit #1					Unit #2					Unit #3				
DATE	%	%	%	BTU/lb	DATE	%	%	%	BTU/lb	DATE	%	%	%	BTU/lb
	Moisture	Ash	(wet)			Moisture	Ash	(wet)			Moisture	Ash	(wet)	
1/1/2004	31.09	4.90	0.29	8,227	1/1/2004	29.52	5.53	0.22	8,344	1/1/2004	29.34	4.83	0.25	8,471
1/2/2004	27.27	5.14	0.26	8,666	1/2/2004	29.24	5.13	0.20	8,418	1/2/2004	29.34	4.83	0.25	8,471
1/3/2004	31.10	4.70	0.25	8,236	1/3/2004	29.66	4.55	0.23	8,446	1/3/2004	29.34	4.83	0.25	8,471
1/4/2004	31.10	4.70	0.25	8,236	1/4/2004	30.25	4.67	0.25	8,341	1/4/2004	29.34	4.83	0.25	8,471
1/5/2004	29.95	5.09	0.26	8,363	1/5/2004	29.28	5.22	0.26	8,409	1/5/2004	31.33	5.34	0.27	8,132
1/6/2004	25.69	5.17	0.38	8,910	1/6/2004	29.79	5.18	0.25	8,359	1/6/2004	27.32	4.96	0.28	8,727
1/7/2004	30.12	5.05	0.27	8,331	1/7/2004	29.82	5.29	0.25	8,333	1/7/2004	30.70	5.02	0.31	8,289
1/8/2004	30.02	5.09	0.27	8,375	1/8/2004	31.53	4.87	0.25	8,186	1/8/2004	32.60	4.90	0.24	8,122
1/9/2004	28.09	5.39	0.24	8,396	1/9/2004	31.53	4.87	0.25	8,186	1/9/2004	31.25	6.03	0.23	8,056
1/10/2004	30.36	5.60	0.23	8,216	1/10/2004	0.00	0.00	0.00	0	1/10/2004	28.65	6.71	0.25	8,277
1/11/2004	29.79	5.83	0.24	8,275	1/11/2004	31.53	4.87	0.25	8,186	1/11/2004	29.12	5.97	0.28	8,180
1/12/2004	30.53	4.98	0.28	8,318	1/12/2004	30.75	5.37	0.22	8,237	1/12/2004	29.12	5.97	0.28	8,180
1/13/2004	31.07	5.15	0.29	8,220	1/13/2004	30.07	5.42	0.20	8,296	1/13/2004	29.12	5.97	0.28	8,180
1/14/2004	30.26	4.89	0.26	8,355	1/14/2004	30.07	5.42	0.20	8,296	1/14/2004	29.48	4.73	0.23	8,441
1/15/2004	28.60	4.80	0.24	8,580	1/15/2004	29.97	4.78	0.22	8,401	1/15/2004	30.58	5.11	0.25	8,261
1/16/2004	28.60	4.80	0.24	8,580	1/16/2004	30.14	4.68	0.24	8,386	1/16/2004	33.30	4.62	0.31	8,011
1/17/2004	28.60	4.80	0.24	8,580	1/17/2004	32.63	4.59	0.29	8,076	1/17/2004	31.05	4.61	0.21	8,269
1/18/2004	28.60	4.80	0.24	8,580	1/18/2004	31.41	4.93	0.27	8,175	1/18/2004	31.62	4.42	0.24	8,231
1/19/2004	31.81	4.68	0.21	8,173	1/19/2004	28.88	4.87	0.22	8,532	1/19/2004	29.75	5.07	0.20	8,391
1/20/2004	30.47	4.94	0.26	8,274	1/20/2004	31.42	4.99	0.36	8,169	1/20/2004	31.42	5.05	0.33	8,171
1/21/2004	31.19	4.89	0.34	8,221	1/21/2004	29.71	5.13	0.21	8,392	1/21/2004	31.39	5.00	0.36	8,170
1/22/2004	30.69	4.51	0.26	8,350	1/22/2004	29.71	5.13	0.21	8,392	1/22/2004	31.79	4.66	0.31	8,227
1/23/2004	30.75	4.52	0.23	8,292	1/23/2004	29.71	5.13	0.21	8,392	1/23/2004	31.92	4.94	0.29	8,085
1/24/2004	29.78	5.08	0.28	8,344	1/24/2004	30.74	4.75	0.26	8,246	1/24/2004	29.24	4.99	0.24	8,421
1/25/2004	32.29	4.64	0.31	8,086	1/25/2004	31.88	4.59	0.28	8,144	1/25/2004	31.83	4.87	0.33	8,091
1/26/2004	31.02	4.25	0.32	8,314	1/26/2004	28.73	4.80	0.26	8,548	1/26/2004	30.40	4.48	0.32	8,367
1/27/2004	30.23	5.07	0.41	8,314	1/27/2004	28.73	4.80	0.26	8,548	1/27/2004	29.65	5.09	0.48	8,368
1/28/2004	30.99	4.82	0.30	8,219	1/28/2004	28.73	4.80	0.26	8,548	1/28/2004	28.09	4.69	0.32	8,587
1/29/2004	29.45	4.98	0.24	8,401	1/29/2004	29.89	4.82	0.20	8,387	1/29/2004	30.27	4.60	0.24	8,345
1/30/2004	29.33	4.94	0.22	8,432	1/30/2004	29.62	4.71	0.19	8,433	1/30/2004	30.48	5.04	0.21	8,235
1/31/2004	29.33	4.94	0.22	8,432	1/31/2004	29.53	4.65	0.20	8,446	1/31/2004	31.55	4.91	0.32	8,149
2/1/2004	30.50	5.03	0.21	8,265	2/1/2004	29.78	4.55	0.21	8,429	2/1/2004	32.02	4.95	0.30	8,081
2/2/2004	30.57	4.55	0.28	8,343	2/2/2004	29.44	6.41	0.32	8,248	2/2/2004	31.92	5.63	0.29	8,045
2/3/2004	30.88	4.55	0.29	8,298	2/3/2004	32.25	4.64	0.30	8,106	2/3/2004	30.98	5.30	0.30	8,164
2/4/2004	30.71	5.79	0.27	8,092	2/4/2004	27.65	5.04	0.31	8,162	2/4/2004	30.06	4.95	0.24	8,353
2/5/2004	31.46	4.84	0.32	8,163	2/5/2004	32.11	5.04	0.31	8,043	2/5/2004	30.06	4.95	0.24	8,353
2/6/2004	29.89	5.02	0.30	8,320	2/6/2004	30.14	4.90	0.28	8,337	2/6/2004	30.06	4.95	0.24	8,353
2/7/2004	32.04	5.01	0.38	8,055	2/7/2004	30.14	4.90	0.28	8,337	2/7/2004	28.79	5.53	0.29	8,402
2/8/2004	31.80	4.90	0.35	8,091	2/8/2004	31.76	5.03	0.33	8,070	2/8/2004	29.51	5.01	0.32	8,374
2/9/2004	32.98	4.60	0.35	7,978	2/9/2004	31.58	4.74	0.30	8,162	2/9/2004	30.05	4.75	0.32	8,338
2/10/2004	31.85	5.08	0.38	8,077	2/10/2004	30.83	4.78	0.27	8,226	2/10/2004	30.69	5.08	0.37	8,223
2/11/2004	31.57	4.69	0.28	8,167	2/11/2004	29.10	4.76	0.28	8,427	2/11/2004	27.61	4.84	0.29	8,660
2/12/2004	31.17	4.54	0.29	8,233	2/12/2004	30.59	4.65	0.28	8,260	2/12/2004	31.01	4.68	0.29	8,233
2/13/2004	30.52	4.79	0.29	8,296	2/13/2004	30.15	4.62	0.29	8,328	2/13/2004	27.99	5.02	0.29	8,622
2/14/2004	32.19	4.77	0.38	8,056	2/14/2004	31.23	4.52	0.32	8,224	2/14/2004	0.00	0.00	0.00	0
2/15/2004	30.67	5.17	0.37	8,243	2/15/2004	31.23	4.52	0.32	8,224	2/15/2004	27.99	5.02	0.29	8,622
2/16/2004	29.95	4.95	0.27	8,366	2/16/2004	31.23	4.52	0.32	8,224	2/16/2004	31.02	5.85	0.39	8,094
2/17/2004	30.70	5.04	0.38	8,239	2/17/2004	31.23	4.52	0.32	8,224	2/17/2004	29.86	5.18	0.37	8,327
2/18/2004	29.95	4.95	0.27	8,366	2/18/2004	29.73	4.92	0.38	8,455	2/18/2004	30.03	5.04	0.36	8,396
2/19/2004	29.95	4.95	0.27	8,366	2/19/2004	32.07	4.87	0.30	8,094	2/19/2004	30.06	4.95	0.24	8,353
2/20/2004	29.95	4.95	0.27	8,366	2/20/2004	32.07	4.87	0.30	8,094	2/20/2004	30.06	4.95	0.24	8,353
2/21/2004	29.95	4.95	0.27	8,366	2/21/2004	32.07	4.87	0.30	8,094	2/21/2004	30.06	4.95	0.24	8,353
2/22/2004	29.95	4.95	0.27	8,366	2/22/2004	0.00	0.00	0.00	0	2/22/2004	30.06	4.95	0.24	8,353
2/23/2004	30.31	4.68	0.39	8,374	2/23/2004	0.00	0.00	0.00	0	2/23/2004	30.06	4.95	0.24	8,353
2/24/2004	30.11	4.53	0.28	8,408	2/24/2004	0.00	0.00	0.00	0	2/24/2004	30.06	4.95	0.24	8,353
2/25/2004	30.73	4.80	0.39	8,275	2/25/2004	0.00	0.00	0.00	0	2/25/2004	29.33	4.74	0.29	8,479
2/26/2004	30.14	4.90	0.40	8,354	2/26/2004	0.00	0.00	0.00	0	2/26/2004	30.42	4.81	0.33	8,335
2/27/2004	29.11	4.78	0.31	8,516	2/27/2004	0.00	0.00	0.00	0	2/27/2004	29.90	4.83	0.28	8,383
2/28/2004	30.38	5.14	0.32	8,307	2/28/2004	0.00	0.00	0.00	0	2/28/2004	30.06	4.95	0.24	8,353
2/29/2004	29.94	4.99	0.36	8,377	2/29/2004	0.00	0.00	0.00	0	2/29/2004	30.06	4.95	0.24	8,353
3/1/2004	29.36	4.86	0.23	8,413	3/1/2004	0.00	0.00	0.00	0	3/1/2004	30.03	4.65	0.28	8,330
3/2/2004	30.23	4.58	0.26	8,329	3/2/2004	0.00	0.00	0.00	0	3/2/2004	29.79	4.95	0.23	8,350
3/3/2004	30.37	4.55	0.31	8,323	3/3/2004	0.00	0.00	0.00	0	3/3/2004	30.63	4.65	0.29	8,273
3/4/2004	31.60	4.88	0.37	8,113	3/4/2004	0.00	0.00	0.00	0	3/4/2004	30.60	4.95	0.28	8,222
3/5/2004	31.28	5.07	0.31	8,129	3/5/2004	0.00	0.00	0.00	0	3/5/2004	30.96	4.96	0.28	8,169
3/6/2004	0.00	0.00	0.00	0	3/6/2004	0.00	0.00	0.00	0	3/6/2004	31.83	4.80	0.22	8,083
3/7/2004	31.28	5.07	0.31	8,129	3/7/2004	0.00	0.00	0.00	0	3/7/2004	33.42	4.73	0.36	7,897
3/8/2004	0.00	0.00	0.00	0	3/8/2004	0.00	0.00	0.00	0	3/8/2004	30.07	4.50	0.32	8,384
3/9/2004	0.00	0.00	0.00	0	3/9/2004	0.00	0.00	0.00	0	3/9/2004	27.90	4.11	0.23	8,737
3/10/2004	0.00	0.00	0.00	0	3/10/2004	0.00	0.00	0.00	0	3/10/2004	28.96	4.50	0.23	8,562
3/11/2004	31.28	5.07	0.31	8,129	3/11/2004	0.00	0.00	0.00	0	3/11/2004	28.96	4.50	0.23	8,562
3/12/2004	29.65	4.60	0.21	8,459	3/12/2004	0.00	0.00	0.00	0	3/12/2004	28.96	4.50	0.23	8,562
3/13/2004	30.70	4.88	0.20	8,276	3/13/2004	0.00	0.00	0.00	0	3/13/2004	29.94	5.02	0.33	8,354
3/14/2004	30.70	4.88	0.20	8,276	3/14/2004	0.00	0.00	0.00	0	3/14/2004	29.64	4.96	0.31	8,430
3/15/2004	30.70	4.88	0.20	8,276	3/15/2004	0.00	0.00	0.00	0	3/15/2004	32.20	4.89	0.36	8,023
3/16/2004	30.92	4.54	0.35	8,251	3/16/2004	0.00	0.00	0.00	0	3/16/2004	31.97	4.91	0.35	8,006
3/17/														

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4/15/2004	28.77	5.63	0.36	8,418	4/15/2004	30.47	4.63	0.33	8,348	4/15/2004	30.37	4.79	0.30	8,296
4/16/2004	28.77	5.63	0.36	8,418	4/16/2004	30.47	4.63	0.33	8,348	4/16/2004	30.02	4.86	0.40	8,353
4/17/2004	0.00	0.00	0.00	0	4/17/2004	30.47	4.63	0.33	8,348	4/17/2004	29.86	5.16	0.27	8,307
4/18/2004	0.00	0.00	0.00	0	4/18/2004	31.26	4.86	0.28	8,219	4/18/2004	30.48	4.99	0.35	8,233
4/19/2004	0.00	0.00	0.00	0	4/19/2004	31.29	4.98	0.34	8,196	4/19/2004	30.48	4.99	0.35	8,233
4/20/2004	0.00	0.00	0.00	0	4/20/2004	32.35	4.72	0.37	8,095	4/20/2004	31.31	4.62	0.32	8,209
4/21/2004	0.00	0.00	0.00	0	4/21/2004	30.21	4.92	0.34	8,358	4/21/2004	30.64	4.70	0.35	8,282
4/22/2004	0.00	0.00	0.00	0	4/22/2004	30.52	4.60	0.34	8,343	4/22/2004	29.66	4.77	0.35	8,415
4/23/2004	0.00	0.00	0.00	0	4/23/2004	29.22	4.69	0.38	8,483	4/23/2004	30.34	4.64	0.37	8,348
4/24/2004	0.00	0.00	0.00	0	4/24/2004	29.22	4.69	0.38	8,483	4/24/2004	30.01	4.69	0.33	8,376
4/25/2004	0.00	0.00	0.00	0	4/25/2004	29.22	4.69	0.38	8,483	4/25/2004	33.08	4.64	0.39	7,996
4/26/2004	0.00	0.00	0.00	0	4/26/2004	30.85	4.81	0.40	8,272	4/26/2004	30.37	4.79	0.30	8,296
4/27/2004	0.00	0.00	0.00	0	4/27/2004	28.91	5.22	0.33	8,448	4/27/2004	30.37	4.79	0.30	8,296
4/28/2004	0.00	0.00	0.00	0	4/28/2004	28.91	5.22	0.33	8,448	4/28/2004	30.37	4.79	0.30	8,296
4/29/2004	28.77	5.63	0.36	8,418	4/29/2004	28.91	5.22	0.33	8,448	4/29/2004	30.37	4.79	0.30	8,296
4/30/2004	28.77	5.63	0.36	8,418	4/30/2004	28.91	5.22	0.33	8,448	4/30/2004	29.99	4.65	0.34	8,361
5/1/2004	29.97	4.97	0.33	8,330	5/1/2004	30.23	4.89	0.33	8,320	5/1/2004	30.52	4.80	0.33	8,281
5/2/2004	29.97	4.97	0.33	8,330	5/2/2004	30.23	4.89	0.33	8,320	5/2/2004	28.92	4.94	0.27	8,424
5/3/2004	31.23	4.46	0.31	8,245	5/3/2004	30.45	4.93	0.36	8,282	5/3/2004	29.28	4.74	0.28	8,431
5/4/2004	31.28	4.92	0.43	8,211	5/4/2004	30.24	4.60	0.33	8,377	5/4/2004	29.56	4.79	0.20	8,438
5/5/2004	31.29	4.66	0.37	8,231	5/5/2004	31.38	4.76	0.38	8,201	5/5/2004	30.61	4.87	0.39	8,294
5/6/2004	28.70	5.96	0.22	8,397	5/6/2004	31.38	4.76	0.38	8,201	5/6/2004	30.31	4.97	0.42	8,333
5/7/2004	29.51	4.58	0.24	8,503	5/7/2004	28.98	4.61	0.22	8,539	5/7/2004	28.59	5.21	0.23	8,486
5/8/2004	29.51	4.58	0.24	8,503	5/8/2004	28.85	4.81	0.20	8,538	5/8/2004	30.43	4.44	0.25	8,374
5/9/2004	29.51	4.58	0.24	8,503	5/9/2004	28.85	4.81	0.20	8,538	5/9/2004	26.65	4.52	0.27	8,852
5/10/2004	28.77	4.89	0.22	8,535	5/10/2004	28.85	4.81	0.20	8,538	5/10/2004	27.33	4.51	0.26	8,789
5/11/2004	30.91	4.63	0.32	8,305	5/11/2004	28.85	4.81	0.20	8,538	5/11/2004	21.21	5.08	0.34	8,428
5/12/2004	31.86	4.76	0.41	8,182	5/12/2004	31.11	4.85	0.39	8,242	5/12/2004	29.84	4.48	0.28	8,452
5/13/2004	30.78	4.95	0.32	8,251	5/13/2004	31.57	4.37	0.28	8,217	5/13/2004	30.92	4.83	0.31	8,242
5/14/2004	30.62	5.02	0.37	8,256	5/14/2004	30.38	4.46	0.28	8,217	5/14/2004	30.82	5.27	0.28	8,202
5/15/2004	31.27	4.42	0.28	8,208	5/15/2004	31.86	5.13	0.31	8,112	5/15/2004	0.00	0.00	0.00	0
5/16/2004	31.03	4.51	0.37	8,264	5/16/2004	28.67	4.80	0.29	8,541	5/16/2004	30.44	4.80	0.35	8,346
5/17/2004	24.30	5.22	0.39	8,901	5/17/2004	29.38	4.69	0.34	8,487	5/17/2004	30.44	4.80	0.35	8,346
5/18/2004	23.32	5.45	0.39	8,981	5/18/2004	29.85	4.71	0.36	8,417	5/18/2004	30.44	4.80	0.35	8,346
5/19/2004	23.32	5.45	0.39	8,981	5/19/2004	30.99	4.52	0.32	8,286	5/19/2004	30.44	4.80	0.35	8,346
5/20/2004	23.32	5.45	0.39	8,981	5/20/2004	30.23	4.80	0.36	8,346	5/20/2004	30.44	4.80	0.35	8,346
5/21/2004	23.32	5.45	0.39	8,981	5/21/2004	28.44	4.74	0.31	8,609	5/21/2004	30.43	4.67	0.32	8,312
5/22/2004	28.96	4.67	0.31	8,554	5/22/2004	28.44	4.74	0.31	8,609	5/22/2004	29.11	4.58	0.31	8,576
5/23/2004	29.52	5.13	0.32	8,394	5/23/2004	28.54	4.48	0.23	8,609	5/23/2004	30.38	4.50	0.32	8,400
5/24/2004	28.93	4.37	0.26	8,584	5/24/2004	28.71	4.74	0.28	8,574	5/24/2004	29.97	4.89	0.30	8,378
5/25/2004	30.70	5.22	0.30	8,210	5/25/2004	30.23	4.69	0.34	8,292	5/25/2004	29.97	4.89	0.30	8,378
5/26/2004	99.63	0.03	0.00	44	5/26/2004	30.15	4.77	0.33	8,367	5/26/2004	32.09	4.84	0.36	8,110
5/27/2004	29.67	4.88	0.36	8,367	5/27/2004	30.70	4.66	0.34	8,325	5/27/2004	31.66	4.89	0.38	8,153
5/28/2004	31.18	5.12	0.33	8,178	5/28/2004	28.10	5.75	0.26	8,540	5/28/2004	31.08	4.61	0.36	8,270
5/29/2004	31.18	5.12	0.33	8,178	5/29/2004	32.84	4.41	0.33	8,268	5/29/2004	31.49	4.47	0.35	8,231
5/30/2004	31.18	5.12	0.33	8,178	5/30/2004	30.97	4.58	0.33	8,198	5/30/2004	31.00	4.59	0.34	8,286
5/31/2004	30.23	4.65	0.36	8,354	5/31/2004	30.50	4.57	0.34	8,256	5/31/2004	30.28	4.63	0.29	8,384
6/1/2004	32.90	4.49	0.36	7,995	6/1/2004	31.50	4.81	0.31	8,123	6/1/2004	30.35	4.84	0.32	8,321
6/2/2004	30.73	4.52	0.30	8,254	6/2/2004	31.22	4.70	0.36	8,179	6/2/2004	30.35	4.84	0.32	8,321
6/3/2004	32.00	4.62	0.35	8,005	6/3/2004	31.84	4.34	0.36	8,144	6/3/2004	30.35	4.84	0.32	8,321
6/4/2004	32.23	4.62	0.36	8,038	6/4/2004	28.81	4.29	0.24	8,570	6/4/2004	30.35	4.84	0.32	8,321
6/5/2004	29.34	5.03	0.23	8,389	6/5/2004	28.90	4.62	0.22	8,523	6/5/2004	30.35	4.84	0.32	8,321
6/6/2004	33.06	4.60	0.29	7,962	6/6/2004	30.97	4.42	0.38	8,238	6/6/2004	30.35	4.84	0.32	8,321
6/7/2004	33.06	4.60	0.29	7,962	6/7/2004	31.97	5.08	0.34	7,998	6/7/2004	30.35	4.84	0.32	8,321
6/8/2004	0.00	0.00	0.00	0	6/8/2004	31.78	4.54	0.34	8,141	6/8/2004	29.03	4.84	0.32	8,321
6/9/2004	30.94	4.53	0.31	8,267	6/9/2004	32.03	4.36	0.30	8,147	6/9/2004	29.03	4.84	0.32	8,321
6/10/2004	31.70	4.57	0.26	8,149	6/10/2004	31.47	5.05	0.30	8,111	6/10/2004	29.03	4.84	0.32	8,321
6/11/2004	32.67	4.45	0.26	8,068	6/11/2004	31.73	4.13	0.26	8,236	6/11/2004	31.97	4.63	0.32	8,112
6/12/2004	32.00	4.41	0.22	8,153	6/12/2004	30.81	4.54	0.23	8,307	6/12/2004	31.23	4.55	0.31	8,269
6/13/2004	31.81	4.19	0.23	8,211	6/13/2004	30.61	4.54	0.23	8,307	6/13/2004	32.73	4.45	0.29	8,039
6/14/2004	32.01	4.66	0.27	8,100	6/14/2004	31.70	4.98	0.25	8,080	6/14/2004	32.73	4.45	0.29	8,039
6/15/2004	31.66	4.49	0.34	8,158	6/15/2004	32.06	4.43	0.33	8,119	6/15/2004	29.91	4.89	0.34	8,342
6/16/2004	31.66	4.49	0.34	8,158	6/16/2004	32.03	4.76	0.34	8,067	6/16/2004	31.35	4.51	0.35	8,210
6/17/2004	30.98	5.03	0.41	8,164	6/17/2004	31.93	4.87	0.35	8,059	6/17/2004	31.05	4.55	0.34	8,210
6/18/2004	32.45	4.83	0.33	7,995	6/18/2004	31.94	4.69	0.34	8,072	6/18/2004	32.36	4.98	0.37	8,000
6/19/2004	32.32	4.67	0.27	8,047	6/19/2004	32.44	5.06	0.34	8,131	6/19/2004	32.36	4.98	0.37	8,000
6/20/2004	32.60	5.11	0.26	8,078	6/20/2004	31.13	4.59	0.29	8,353	6/20/2004	32.97	4.83	0.27	7,920
6/21/2004	30.05	5.05	0.39	8,451	6/21/2004	31.13	5.20	0.37	8,302	6/21/2004	33.84	5.15	0.30	7,944
6/22/2004	31.79	4.93	0.32	8,205	6/22/2004	31.60	5.30	0.39	8,227	6/22/2004	31.51	5.15	0.37	8,267
6/23/2004	30.07	4.82	0.31	8,462	6/23/2004	31.16	4.48	0.27	8,260	6/23/2004	30.34	5.20	0.33	8,406
6/24/2004	29.17	4.47	0.25	8,516	6/24/2004	31.16	4.48	0.27	8,260	6/24/2004	30.13	4.43	0.32	8,468
6/25/2004	29.40	4.59	0.26	8,514	6/25/2004	31.16	4.48	0.27	8,260	6/25/2004	30.96	4.36	0.27	8,288
6/26/2004	31.16	5.05	0.26	8,218	6/26/2004	30.28	5.36	0.25	8,246	6/26/2004	31.09	4.45	0.28	8,290
6/27/2004	30.27	5.63	0.26	8,205	6/27/2004	29.77	5.22	0.25	8,352	6/27/2004	31.09	4.45	0.28	8,290
6/28/2004	30.29	4.89	0.25	8,334	6/28/2004	29.93	5.42	0.25	8,396	6/28/2004	30.59	5.08	0.27	8,241
6/29/2004	30.50	5.03	0.39	8,300	6/29/2004	30.32	4.61	0.36	8,368	6/29/2004	30.45	5.10	0.24	8,289
6/30/2004	29.02	4.86	0.27	8,503	6/30/2004	28.36	4.77	0.22	8,588	6/30/2004	30.50	5.15	0.24	8,279
7/1/2004														

Welsh Power Plant
2000-2006
Coal Burn
Analysis - Unit Samples

8/4/2004	33.75	4.60	0.27	7.890	8/4/2004	31.91	4.43	0.23	8.168	8/4/2004	31.56	5.06	0.24	8.137
8/5/2004	30.06	4.77	0.30	8.397	8/5/2004	31.00	4.84	0.31	8.263	8/5/2004	30.15	4.75	0.27	8.384
8/6/2004	30.39	4.90	0.32	8.304	8/6/2004	31.49	4.63	0.27	8.181	8/6/2004	31.90	4.75	0.30	8.112
8/7/2004	30.25	4.65	0.29	8.308	8/7/2004	31.10	4.63	0.25	8.254	8/7/2004	31.86	4.69	0.28	8.139
8/8/2004	29.79	4.87	0.28	8.403	8/8/2004	30.57	4.92	0.24	8.294	8/8/2004	31.13	4.66	0.24	8.254
8/9/2004	30.97	4.73	0.25	8.227	8/9/2004	30.32	4.68	0.28	8.221	8/9/2004	30.90	4.61	0.28	8.311
8/10/2004	29.12	5.05	0.25	8.453	8/10/2004	29.80	4.45	0.28	8.450	8/10/2004	29.97	4.63	0.29	8.423
8/11/2004	30.20	5.46	0.27	8.259	8/11/2004	29.80	4.45	0.28	8.450	8/11/2004	29.97	4.63	0.29	8.423
8/12/2004	29.45	4.61	0.24	8.489	8/12/2004	0.00	0.00	0.00	0	8/12/2004	29.97	5.01	0.30	8.219
8/13/2004	30.17	5.32	0.31	8.210	8/13/2004	29.99	4.53	0.25	8.487	8/13/2004	29.01	4.67	0.30	8.452
8/14/2004	30.55	4.58	0.28	8.278	8/14/2004	29.03	4.61	0.26	8.479	8/14/2004	30.43	4.79	0.34	8.276
8/15/2004	30.27	4.70	0.33	8.329	8/15/2004	29.92	4.51	0.26	8.375	8/15/2004	29.82	4.50	0.32	8.395
8/16/2004	31.98	5.00	0.32	8.064	8/16/2004	30.99	4.98	0.42	8.252	8/16/2004	29.16	4.74	0.33	8.487
8/17/2004	30.53	4.91	0.34	8.284	8/17/2004	30.26	4.64	0.34	8.320	8/17/2004	29.74	4.98	0.37	8.375
8/18/2004	30.37	4.59	0.35	8.329	8/18/2004	29.62	4.33	0.30	8.439	8/18/2004	29.27	4.60	0.29	8.440
8/19/2004	29.37	4.53	0.33	8.456	8/19/2004	28.71	4.51	0.23	8.590	8/19/2004	27.99	4.57	0.20	8.640
8/20/2004	31.17	4.30	0.31	8.272	8/20/2004	29.97	4.60	0.31	8.393	8/20/2004	28.44	4.36	0.26	8.618
8/21/2004	30.44	4.44	0.29	8.364	8/21/2004	29.54	4.45	0.26	8.453	8/21/2004	29.10	4.32	0.27	8.553
8/22/2004	30.63	4.58	0.26	8.299	8/22/2004	30.79	4.42	0.25	8.319	8/22/2004	30.63	4.26	0.24	8.310
8/23/2004	29.71	4.52	0.26	8.467	8/23/2004	28.89	4.73	0.28	8.553	8/23/2004	28.81	4.54	0.26	8.586
8/24/2004	30.34	4.49	0.33	8.356	8/24/2004	32.91	4.31	0.30	8.019	8/24/2004	31.04	4.37	0.37	8.282
8/25/2004	0.00	0.00	0.00	0	8/25/2004	31.90	4.27	0.33	8.205	8/25/2004	30.46	4.32	0.32	8.350
8/26/2004	29.98	4.45	0.30	8.373	8/26/2004	30.50	4.64	0.29	8.314	8/26/2004	30.61	4.73	0.36	8.299
8/27/2004	30.54	4.17	0.25	8.393	8/27/2004	30.76	4.47	0.33	8.300	8/27/2004	32.20	4.34	0.27	8.146
8/28/2004	30.96	4.48	0.28	8.290	8/28/2004	31.73	4.32	0.32	8.219	8/28/2004	31.82	4.48	0.32	8.152
8/29/2004	30.96	4.48	0.28	8.290	8/29/2004	31.91	4.32	0.31	8.177	8/29/2004	31.41	4.37	0.29	8.222
8/30/2004	30.38	4.55	0.32	8.309	8/30/2004	30.55	4.74	0.28	8.280	8/30/2004	29.94	4.67	0.28	8.362
8/31/2004	29.80	4.50	0.24	8.433	8/31/2004	30.54	4.54	0.28	8.333	8/31/2004	29.63	4.76	0.29	8.411
9/1/2004	29.04	4.83	0.27	8.426	9/1/2004	30.05	4.59	0.29	8.374	9/1/2004	31.12	4.39	0.34	8.244
9/2/2004	30.46	4.43	0.26	8.337	9/2/2004	28.35	5.03	0.25	8.567	9/2/2004	29.55	5.14	0.31	8.363
9/3/2004	28.45	5.26	0.41	8.499	9/3/2004	25.12	5.85	0.31	8.844	9/3/2004	27.86	5.27	0.34	8.630
9/4/2004	27.90	5.32	0.31	8.593	9/4/2004	28.82	5.41	0.30	8.444	9/4/2004	29.19	5.50	0.27	8.394
9/5/2004	27.48	5.12	0.28	8.653	9/5/2004	28.84	4.94	0.29	8.385	9/5/2004	29.49	5.09	0.29	8.423
9/6/2004	28.46	5.50	0.29	8.462	9/6/2004	31.99	4.90	0.32	8.100	9/6/2004	29.43	5.27	0.34	8.393
9/7/2004	29.99	5.09	0.28	8.346	9/7/2004	31.96	4.62	0.33	8.138	9/7/2004	32.28	4.79	0.30	8.114
9/8/2004	30.31	4.81	0.25	8.310	9/8/2004	31.96	4.73	0.33	8.118	9/8/2004	30.84	4.83	0.35	8.275
9/9/2004	30.31	4.81	0.25	8.310	9/9/2004	29.83	4.79	0.29	8.408	9/9/2004	31.31	4.54	0.28	8.254
9/10/2004	0.00	0.00	0.00	0	9/10/2004	30.87	4.49	0.28	8.228	9/10/2004	29.62	4.51	0.29	8.460
9/11/2004	27.67	4.61	0.31	8.679	9/11/2004	30.27	4.47	0.29	8.367	9/11/2004	31.79	4.23	0.29	8.211
9/12/2004	28.43	4.44	0.33	8.597	9/12/2004	31.29	4.27	0.29	8.258	9/12/2004	31.01	4.33	0.31	8.305
9/13/2004	27.74	4.91	0.35	8.647	9/13/2004	30.69	4.73	0.33	8.277	9/13/2004	30.39	4.65	0.31	8.344
9/14/2004	28.38	5.05	0.34	8.532	9/14/2004	30.02	4.57	0.27	8.458	9/14/2004	30.46	4.57	0.24	8.377
9/15/2004	28.68	4.63	0.27	8.617	9/15/2004	28.33	4.52	0.25	8.661	9/15/2004	28.72	4.77	0.26	8.511
9/16/2004	26.20	4.51	0.22	8.897	9/16/2004	31.36	4.71	0.26	8.210	9/16/2004	31.00	4.75	0.27	8.271
9/17/2004	29.05	4.80	0.30	8.485	9/17/2004	29.70	4.25	0.24	8.409	9/17/2004	30.84	4.51	0.30	8.301
9/18/2004	29.12	4.56	0.29	8.486	9/18/2004	0.00	0.00	0.00	0	9/18/2004	30.09	4.62	0.29	8.359
9/19/2004	28.80	4.76	0.30	8.510	9/19/2004	28.23	4.58	0.28	8.621	9/19/2004	31.17	4.45	0.30	8.265
9/20/2004	29.40	4.53	0.33	8.492	9/20/2004	30.96	4.34	0.30	8.328	9/20/2004	27.89	4.59	0.33	8.683
9/21/2004	28.37	4.89	0.28	8.592	9/21/2004	30.23	4.38	0.23	8.443	9/21/2004	30.38	4.79	0.29	8.340
9/22/2004	27.60	4.41	0.39	8.674	9/22/2004	30.31	4.27	0.34	8.344	9/22/2004	29.09	4.45	0.39	8.486
9/23/2004	29.92	4.52	0.36	8.464	9/23/2004	30.30	4.42	0.28	8.388	9/23/2004	29.22	4.71	0.29	8.475
9/24/2004	30.51	4.59	0.29	8.283	9/24/2004	33.49	4.33	0.32	7.941	9/24/2004	32.06	4.48	0.28	8.094
9/25/2004	29.15	4.44	0.27	8.482	9/25/2004	32.66	4.75	0.29	7.987	9/25/2004	32.06	4.48	0.28	8.094
9/26/2004	32.60	4.54	0.24	8.010	9/26/2004	30.28	4.50	0.30	8.337	9/26/2004	0.00	0.00	0.00	0
9/27/2004	29.74	4.53	0.31	8.410	9/27/2004	25.58	4.86	0.35	8.881	9/27/2004	0.00	0.00	0.00	0
9/28/2004	31.14	4.25	0.33	8.260	9/28/2004	31.48	4.19	0.33	8.224	9/28/2004	0.00	0.00	0.00	0
9/29/2004	29.20	4.57	0.29	8.482	9/29/2004	29.51	4.55	0.35	8.447	9/29/2004	0.00	0.00	0.00	0
9/30/2004	29.49	4.29	0.28	8.529	9/30/2004	30.50	4.39	0.36	8.358	9/30/2004	32.06	4.48	0.28	8.094
10/1/2004	29.94	4.81	0.41	8.403	10/1/2004	28.65	4.48	0.31	8.627	10/1/2004	31.20	4.66	0.29	8.231
10/2/2004	28.53	4.48	0.25	8.599	10/2/2004	29.21	4.76	0.31	8.503	10/2/2004	27.82	4.45	0.19	8.696
10/3/2004	28.67	4.64	0.26	8.572	10/3/2004	29.23	4.76	0.27	8.520	10/3/2004	29.81	4.65	0.24	8.438
10/4/2004	27.39	4.81	0.29	8.628	10/4/2004	27.35	4.82	0.29	8.653	10/4/2004	29.39	4.54	0.23	8.400
10/5/2004	27.65	4.77	0.27	8.590	10/5/2004	29.43	4.62	0.23	8.432	10/5/2004	29.09	4.26	0.17	8.536
10/6/2004	28.09	4.66	0.32	8.591	10/6/2004	30.83	4.67	0.37	8.258	10/6/2004	30.85	4.47	0.39	8.305
10/7/2004	28.96	4.55	0.31	8.534	10/7/2004	30.27	4.45	0.32	8.365	10/7/2004	29.73	4.53	0.31	8.417
10/8/2004	27.79	4.80	0.28	8.648	10/8/2004	31.10	4.80	0.35	8.281	10/8/2004	29.73	4.53	0.31	8.417
10/9/2004	28.66	4.87	0.24	8.543	10/9/2004	0.00	0.00	0.00	0	10/9/2004	28.75	4.95	0.33	8.535
10/10/2004	0.00	0.00	0.00	0	10/10/2004	0.00	0.00	0.00	0	10/10/2004	29.37	4.83	0.26	8.498
10/11/2004	0.00	0.00	0.00	0	10/11/2004	0.00	0.00	0.00	0	10/11/2004	30.15	4.59	0.27	8.383
10/12/2004	0.00	0.00	0.00	0	10/12/2004	0.00	0.00	0.00	0	10/12/2004	29.88	4.51	0.18	8.415
10/13/2004	0.00	0.00	0.00	0	10/13/2004	30.03	4.44	0.31	8.395	10/13/2004	31.31	4.12	0.21	8.306
10/14/2004	0.00	0.00	0.00	0	10/14/2004	30.53	4.56	0.27	8.349	10/14/2004	31.23	4.65	0.29	8.281
10/15/2004	0.00	0.00	0.00	0	10/15/2004	30.64	4.40	0.30	8.314	10/15/2004	28.71	4.86	0.25	8.493
10/16/2004	0.00	0.00	0.00	0	10/16/2004	31.51	4.36	0.34	8.213	10/16/2004	29.59	4.58	0.30	8.421
10/17/2004	0.00	0.00	0.00	0	10/17/2004	29.04	4.65	0.26	8.488	10/17/2004	30.17	4.42	0.30	8.370
10/18/2004	0.00	0.00	0.00	0	10/18/2004	30.63	4.25	0.35	8.315	10/18/2004	29.68	4.41	0.26	8.409
10/19/2004	0.00	0.00	0.00	0	10/19/2004	30.02	4.53	0.33	8.362	10/19/2004	30.86	4.22	0.31	8.319
10/20/														

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11/23/2004	30.36	4.74	0.30	8.362	11/23/2004	30.67	4.73	0.33	8.325	11/23/2004	31.39	4.68	0.29	8.255
11/24/2004	29.64	4.61	0.28	8.489	11/24/2004	30.54	4.62	0.30	8.361	11/24/2004	31.39	4.68	0.29	8.255
11/25/2004	29.88	4.75	0.27	8.423	11/25/2004	28.93	4.42	0.26	8.569	11/25/2004	29.01	5.13	0.25	8.443
11/26/2004	26.92	4.87	0.31	8.789	11/26/2004	30.00	4.69	0.34	8.445	11/26/2004	31.59	4.60	0.29	8.240
11/27/2004	26.34	4.80	0.25	8.875	11/27/2004	31.33	4.46	0.25	8.283	11/27/2004	31.69	4.76	0.29	8.213
11/28/2004	26.99	4.91	0.25	8.770	11/28/2004	30.20	4.89	0.31	8.388	11/28/2004	31.61	4.82	0.35	8.193
11/29/2004	32.71	4.56	0.35	8.102	11/29/2004	30.57	4.53	0.36	8.373	11/29/2004	30.92	4.66	0.36	8.329
11/30/2004	29.06	4.83	0.35	8.444	11/30/2004	32.46	4.57	0.36	8.126	11/30/2004	31.46	4.74	0.35	8.235
12/1/2004	30.75	4.83	0.33	8.332	12/1/2004	31.49	4.82	0.39	8.237	12/1/2004	31.37	5.07	0.38	8.220
12/2/2004	32.14	4.40	0.30	8.096	12/2/2004	31.39	4.40	0.33	8.213	12/2/2004	30.26	4.87	0.35	8.308
12/3/2004	33.23	4.66	0.32	7.961	12/3/2004	31.51	4.62	0.34	8.232	12/3/2004	32.39	4.67	0.32	8.077
12/4/2004	30.59	4.92	0.37	8.326	12/4/2004	32.62	4.62	0.26	8.075	12/4/2004	28.05	4.76	0.26	8.655
12/5/2004	31.63	4.68	0.28	8.211	12/5/2004	29.66	4.62	0.27	8.425	12/5/2004	33.01	4.64	0.34	8.009
12/6/2004	31.25	4.89	0.27	8.221	12/6/2004	30.95	4.65	0.29	8.302	12/6/2004	31.32	4.56	0.30	8.263
12/7/2004	31.25	4.89	0.27	8.221	12/7/2004	31.51	4.49	0.33	8.270	12/7/2004	31.80	4.91	0.35	8.149
12/8/2004	30.74	4.46	0.30	8.390	12/8/2004	30.81	4.00	0.24	8.428	12/8/2004	31.57	3.86	0.23	8.344
12/9/2004	31.65	4.82	0.31	8.191	12/9/2004	20.92	5.13	0.32	9.515	12/9/2004	31.51	4.56	0.32	8.290
12/10/2004	29.85	4.72	0.32	8.425	12/10/2004	31.28	4.78	0.35	8.291	12/10/2004	29.61	4.82	0.32	8.465
12/11/2004	27.34	4.97	0.33	8.718	12/11/2004	30.72	4.72	0.35	8.369	12/11/2004	31.02	4.54	0.30	8.289
12/12/2004	28.80	4.78	0.33	8.579	12/12/2004	31.25	4.54	0.23	8.285	12/12/2004	31.79	4.64	0.33	8.185
12/13/2004	29.89	4.43	0.32	8.449	12/13/2004	0.00	0.00	0.00	0	12/13/2004	31.81	4.57	0.33	8.201
12/14/2004	28.69	4.77	0.30	8.638	12/14/2004	31.25	4.54	0.02	8.285	12/14/2004	31.39	4.66	0.30	8.265
12/15/2004	27.07	4.93	0.34	8.770	12/15/2004	31.25	4.65	0.35	8.212	12/15/2004	30.91	4.95	0.31	8.281
12/16/2004	26.13	5.05	0.35	8.841	12/16/2004	30.49	4.70	0.27	8.356	12/16/2004	30.47	4.95	0.31	8.380
12/17/2004	31.40	4.48	0.32	8.259	12/17/2004	31.40	4.48	0.32	8.259	12/17/2004	30.76	4.72	0.33	8.324
12/18/2004	31.40	4.48	0.32	8.259	12/18/2004	30.59	4.73	0.34	8.342	12/18/2004	31.32	4.49	0.26	8.283
12/19/2004	31.40	4.48	0.32	8.259	12/19/2004	30.96	5.28	0.33	8.210	12/19/2004	29.28	4.70	0.36	8.509
12/20/2004	29.89	4.66	0.36	8.416	12/20/2004	0.00	0.00	0.00	0	12/20/2004	31.11	4.51	0.31	8.289
12/21/2004	30.30	4.71	0.29	8.310	12/21/2004	30.96	5.28	0.33	8.210	12/21/2004	32.27	4.60	0.32	8.103
12/22/2004	30.23	4.75	0.33	8.331	12/22/2004	30.26	4.29	0.23	8.376	12/22/2004	34.32	4.45	0.27	7.831
12/23/2004	30.81	4.57	0.33	8.314	12/23/2004	30.65	4.57	0.31	8.340	12/23/2004	31.79	4.34	0.33	8.200
12/24/2004	30.83	4.56	0.31	8.281	12/24/2004	31.25	4.67	0.32	8.214	12/24/2004	31.07	4.62	0.30	8.252
12/25/2004	31.37	4.58	0.29	8.220	12/25/2004	31.25	4.67	0.32	8.214	12/25/2004	30.56	4.78	0.32	8.296
12/26/2004	32.52	4.43	0.29	8.068	12/26/2004	33.31	4.34	0.25	7.937	12/26/2004	32.53	4.33	0.30	8.064
12/27/2004	30.23	4.51	0.38	8.385	12/27/2004	32.99	4.32	0.26	7.982	12/27/2004	29.08	4.6	0.36	8.462
12/28/2004	29.28	4.85	0.29	8.425	12/28/2004	29.71	4.85	0.27	8.340	12/28/2004	36.28	4.37	0.28	7.555
12/29/2004	32.68	4.78	0.33	8.020	12/29/2004	35.36	4.41	0.29	7.682	12/29/2004	31.59	4.63	0.33	8.225
12/30/2004	29.40	4.58	0.32	8.435	12/30/2004	31.81	4.34	0.28	8.123	12/30/2004	30.94	4.36	0.30	8.273
12/31/2004	29.40	4.58	0.32	8.435	12/31/2004	31.81	4.34	0.28	8.123	12/31/2004	30.94	4.36	0.30	8.273

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Unit #1					Unit #2					Unit #3				
DATE	%	%	%	BTU/lb	DATE	%	%	%	BTU/lb	DATE	%	%	%	BTU/lb
	Moisture	Ash	Sulfur (wet)			Moisture	Ash	Sulfur (wet)			Moisture	Ash	Sulfur (wet)	
1/1/2005	32.17	4.61	0.26	8059	1/1/2005	30.63	4.52	0.25	8312	1/1/2005	31.3	4.73	0.26	8221
1/2/2005	30.2	4.53	0.24	8349	1/2/2005	31.45	4.35	0.21	8211	1/2/2005	30.58	4.68	0.26	8283
1/3/2005	32.07	4.57	0.29	8118	1/3/2005	29.75	5.09	0.32	8306	1/3/2005	31.55	4.96	0.29	8124
1/4/2005	29.97	4.69	0.24	8391	1/4/2005	30.81	4.77	0.24	8252	1/4/2005	31.43	4.68	0.27	8189
1/5/2005	31.67	4.41	0.28	8187	1/5/2005	32.16	4.32	0.33	8143	1/5/2005	32.28	4.23	0.31	8150
1/6/2005	33.48	4.72	0.24	7841	1/6/2005	26.23	5.14	0.29	8748	1/6/2005	31.71	4.66	0.29	8148
1/7/2005	33.73	4.78	0.22	7878	1/7/2005	33.61	4.62	0.25	7906	1/7/2005	32.87	4.76	0.24	8036
1/8/2005	28.75	4.99	0.27	8506	1/8/2005	33.14	4.71	0.23	7973	1/8/2005	33.19	4.74	0.21	7948
1/9/2005	29.58	4.84	0.26	8415	1/9/2005	32.16	4.56	0.24	8145	1/9/2005	33.29	4.62	0.25	7961
1/10/2005	30.67	4.77	0.3	8345	1/10/2005	31	4.99	0.26	8250	1/10/2005	32.47	4.54	0.3	8104
1/11/2005	27.93	4.94	0.25	8292	1/11/2005	33.16	4.7	0.23	8117	1/11/2005	30.89	4.89	0.23	8288
1/12/2005	30.51	4.55	0.28	8372	1/12/2005	31.64	4.65	0.31	8230	1/12/2005	31.65	4.52	0.27	8232
1/13/2005	29.86	4.58	0.24	8401	1/13/2005	31.43	4.71	0.29	8202	1/13/2005	30.89	4.55	0.17	8234
1/14/2005	28.06	6.86	0.29	8380	1/14/2005	32.99	4.53	0.3	8056	1/14/2005	32.24	4.51	0.26	8175
1/15/2005	29.58	5.06	0.27	8419	1/15/2005	31.17	4.81	0.29	8292	1/15/2005	30.16	4.66	0.23	8406
1/16/2005	29.1	4.56	0.23	8536	1/16/2005	31.41	4.63	0.24	8306	1/16/2005	31.46	4.52	0.22	8238
1/17/2005	32.13	4.32	0.22	8220	1/17/2005	31.62	4.51	0.21	8219	1/17/2005	30.9	4.71	0.24	8267
1/18/2005	30.02	4.65	0.25	8393	1/18/2005	31.82	4.27	0.24	8235	1/18/2005	27.81	4.96	0.3	8593
1/19/2005	30.34	4.85	0.24	8382	1/19/2005	31.74	4.68	0.25	8195	1/19/2005	31.49	4.83	0.25	8222
1/20/2005	27.38	4.77	0.25	8711	1/20/2005	29.04	4.88	0.23	8481	1/20/2005	23.91	5.27	0.32	9061
1/21/2005	30.44	4.51	0.28	8283	1/21/2005	31.78	4.47	0.25	8171	1/21/2005	30.76	4.54	0.31	8270
1/22/2005	24	5.04	0.29	9057	1/22/2005	22.67	4.99	0.28	8991	1/22/2005	30.18	4.29	0.23	8395
1/23/2005	24.00	5.04	0.29	9057	1/23/2005	27.5	4.81	0.28	8688	1/23/2005	31.39	4.28	0.3	8248
1/24/2005	30.52	4.51	0.24	8430	1/24/2005	31.11	4.79	0.33	8245	1/24/2005	30.16	4.66	0.28	8388
1/25/2005	30.52	4.51	0.24	8430	1/25/2005	31.33	4.28	0.27	8301	1/25/2005	30.27	5.08	0.22	8318
1/26/2005	30.39	4.47	0.26	8411	1/26/2005	30.75	4.97	0.25	8342	1/26/2005	30.02	4.23	0.24	8538
1/27/2005	30.57	4.64	0.3	8347	1/27/2005	30.41	4.7	0.24	8388	1/27/2005	30.93	4.59	0.24	8320
1/28/2005	30.43	4.81	0.25	8391	1/28/2005	30.66	4.67	0.26	8390	1/28/2005	30.51	4.91	0.32	8397
1/29/2005	29.68	4.28	0.17	8545	1/29/2005	29.17	4.55	0.25	8566	1/29/2005	28.87	4.34	0.18	8648
1/30/2005	30.01	4.61	0.2	8473	1/30/2005	29.75	4.34	0.2	8549	1/30/2005	29.04	4.56	0.16	8577
1/31/2005	30.53	4.46	0.23	8377	1/31/2005	30.37	4.05	0.21	8473	1/31/2005	28.99	4.34	0.23	8572
2/1/2005	30.47	4.19	0.22	8440	2/1/2005	30.92	4.09	0.23	8396	2/1/2005	28	4.29	0.19	8712
2/2/2005	30.93	4.81	0.37	8300	2/2/2005	31.3	4.7	0.27	8298	2/2/2005	0.00	0.00	0.00	0
2/3/2005	29.15	5.7	0.3	8411	2/3/2005	30.96	4.58	0.26	8335	2/3/2005	29.19	4.44	0.17	8561
2/4/2005	29.15	5.7	0.3	8411	2/4/2005	29.69	4.42	0.22	8468	2/4/2005	29.64	4.72	0.19	8416
2/5/2005	29.79	4.66	0.27	8429	2/5/2005	29.81	4.89	0.21	8393	2/5/2005	29.15	4.37	0.19	8515
2/6/2005	30.08	4.72	0.24	8356	2/6/2005	29.69	4.42	0.22	8468	2/6/2005	30.93	4.99	0.3	8210
2/7/2005	29.33	4.73	0.28	8492	2/7/2005	30.67	4.53	0.21	8295	2/7/2005	28.59	5.18	0.21	8551
2/8/2005	30.14	5.08	0.28	8355	2/8/2005	28.83	5.05	0.29	8547	2/8/2005	30.77	4.72	0.3	8349
2/9/2005	30.55	4.91	0.31	8283	2/9/2005	30.77	4.62	0.35	8373	2/9/2005	30.49	4.62	0.25	8365
2/10/2005	30.13	5.06	0.31	8414	2/10/2005	30.96	4.77	0.3	8295	2/10/2005	28.49	5.49	0.29	8558
2/11/2005	28.57	4.81	0.27	8619	2/11/2005	29.85	4.79	0.27	8475	2/11/2005	28.65	4.76	0.23	8610
2/12/2005	28.18	4.55	0.22	8528	2/12/2005	29.53	4.51	0.22	8527	2/12/2005	27.57	4.57	0.21	8718
2/13/2005	28.48	4.48	0.25	8594	2/13/2005	29.73	4.33	0.2	8453	2/13/2005	27.63	4.62	0.21	8693
2/14/2005	29.6	4.72	0.28	8454	2/14/2005	30.6	4.38	0.23	8404	2/14/2005	27.75	5.03	0.24	8637
2/15/2005	28.54	4.95	0.29	8573	2/15/2005	30.96	4.7	0.29	8332	2/15/2005	31.91	4.53	0.24	8173
2/16/2005	30.47	4.53	0.3	8328	2/16/2005	31.47	4.79	0.29	8250	2/16/2005	31.99	4.38	0.34	8160
2/17/2005	31.65	4.59	0.31	8260	2/17/2005	30.9	4.2	0.26	8369	2/17/2005	32.08	4.37	0.26	8218
2/18/2005	31.15	4.72	0.32	8286	2/18/2005	32.28	4.18	0.26	8208	2/18/2005	31.45	4.58	0.22	8268
2/19/2005	29.24	4.68	0.2	8498	2/19/2005	30.79	4.82	0.32	8320	2/19/2005	30.11	4.37	0.21	8420
2/20/2005	31.21	4.55	0.26	8278	2/20/2005	30.79	4.82	0.32	8320	2/20/2005	30.1	4.8	0.27	8374
2/21/2005	28.35	4.89	0.31	8596	2/21/2005	0.00	0.00	0.00	0	2/21/2005	29.93	4.51	0.25	8318
2/22/2005	27.92	4.52	0.26	8510	2/22/2005	0.00	0.00	0.00	0	2/22/2005	30.45	4.15	0.25	8295
2/23/2005	29.54	4.33	0.26	8516	2/23/2005	0.00	0.00	0.00	0	2/23/2005	31.33	4.2	0.25	8291
2/24/2005	29	5.03	0.34	8510	2/24/2005	0.00	0.00	0.00	0	2/24/2005	30.78	4.82	0.32	8315
2/25/2005	30.61	4.25	0.24	8380	2/25/2005	0.00	0.00	0.00	0	2/25/2005	31.13	4.52	0.28	8269
2/26/2005	30.39	4.62	0.24	8355	2/26/2005	0.00	0.00	0.00	0	2/26/2005	29.99	4.88	0.16	8338
2/27/2005	29.18	4.68	0.29	8505	2/27/2005	0.00	0.00	0.00	0	2/27/2005	30.35	4.7	0.16	8297
2/28/2005	31.68	5	0.29	8173	2/28/2005	0.00	0.00	0.00	0	2/28/2005	29.12	4.9	0.25	8502
3/1/2005	28.54	4.62	0.2	8602	3/1/2005	0.00	0.00	0.00	0	3/1/2005	30.1	4.98	0.23	8376
3/2/2005	28.58	4.61	0.19	8600	3/2/2005	0.00	0.00	0.00	0	3/2/2005	28.22	4.83	0.24	8868
3/3/2005	28.69	4.86	0.26	8554	3/3/2005	0.00	0.00	0.00	0	3/3/2005	30.12	4.65	0.29	8420
3/4/2005	30.05	4.82	0.31	8442	3/4/2005	0.00	0.00	0.00	0	3/4/2005	30.3	4.41	0.2	8446
3/5/2005	29.54	5.02	0.37	8464	3/5/2005	0.00	0.00	0.00	0	3/5/2005	30.08	4.5	0.22	8427
3/6/2005	29.72	4.84	0.3	8486	3/6/2005	0.00	0.00	0.00	0	3/6/2005	28.99	4.51	0.21	8569
3/7/2005	29.4	4.95	0.27	8527	3/7/2005	0.00	0.00	0.00	0	3/7/2005	29.71	4.39	0.21	8437
3/8/2005	29.65	5	0.35	8438	3/8/2005	0.00	0.00	0.00	0	3/8/2005	29.36	4.71	0.21	8499
3/9/2005	28.76	4.6	0.26	8639	3/9/2005	0.00	0.00	0.00	0	3/9/2005	29.15	5.04	0.3	8498
3/10/2005	29.36	4.8	0.23	8510	3/10/2005	0.00	0.00	0.00	0	3/10/2005	30.97	5.13	0.23	8279
3/11/2005	28.6	4.83	0.26	8624	3/11/2005	0.00	0.00	0.00	0	3/11/2005	30.6	4.93	0.25	8303
3/12/2005	28.74	4.77	0.32	8588	3/12/2005	0.00	0.00	0.00	0	3/12/2005	30.45	4.66	0.31	8354
3/13/2005	0.00	0.00	0.00	0	3/13/2005	0.00	0.00	0.00	0	3/13/2005	30.69	4.32	0.21	8393
3/14/2005	0.00	0.00	0.00	0	3/14/2005	0.00	0.00	0.00	0	3/14/2005	30.84	4.34	0.25	8367
3/15/2005	0.00	0.00	0.00	0	3/15/2005	0.00	0.00	0.00	0	3/15/2005	30.86	4.78	0.37	8317
3/16/2005	0.00	0.00	0.00	0	3/16/2005	0.00	0.00	0.00	0	3/16/2005	30.99	4.97	0.38	8303
3/17/2005	0.00	0.00	0.00	0	3/17/2005	0.00	0.00	0.00	0	3/17/2005	31.23	4.58	0.31	8306
3/18/2005	0.00	0.00	0.00	0	3/18/2005	0.00	0.00	0.00	0	3/18/2005	31.7	4.82	0.27	8249
3/19/2005	0.00	0.00	0.00	0	3/19/2005	0.00	0.00	0.00	0	3/19/2005	31.28			

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4/8/2005	29.11	4.7	0.26	8550
4/9/2005	29.12	4.60	0.23	8558
4/10/2005	29.04	4.94	0.23	8514
4/11/2005	28.68	4.67	0.19	8561
4/12/2005	29.83	4.7	0.23	8461
4/13/2005	29.33	4.69	0.21	8473
4/14/2005	31.78	4.71	0.26	8187
4/15/2005	30.09	4.66	0.25	8393
4/16/2005	31.03	4.64	0.28	8285
4/17/2005	0.00	0.00	0.00	0
4/18/2005	0.00	0.00	0.00	0
4/19/2005	0.00	0.00	0.00	0
4/20/2005	0.00	0.00	0.00	0
4/21/2005	29.67	4.99	0.29	8454
4/22/2005	29.62	4.62	0.24	8407
4/23/2005	29.98	4.59	0.25	8379
4/24/2005	31.42	4.38	0.25	8207
4/25/2005	31.62	4.35	0.21	8192
4/26/2005	31.25	4.52	0.28	8287
4/27/2005	30.84	4.66	0.28	8343
4/28/2005	31.6	4.56	0.27	8276
4/29/2005	29.32	4.81	0.24	8455
4/30/2005	29.66	5.13	0.34	8408
5/1/2005	30.19	4.89	0.29	8358
5/2/2005	30.57	4.78	0.33	8366
5/3/2005	29.7	4.82	0.24	8397
5/4/2005	30.63	4.65	0.26	8339
5/5/2005	29.85	4.95	0.27	8372
5/6/2005	30.7	4.41	0.24	8378
5/7/2005	29.96	4.43	0.22	8464
5/8/2005	30.68	4.4	0.23	8332
5/9/2005	32.29	4.42	0.33	8160
5/10/2005	27.73	4.79	0.35	8651
5/11/2005	30.3	4.58	0.3	8335
5/12/2005	30.12	4.37	0.16	8371
5/13/2005	30.82	4.5	0.21	8323
5/14/2005	30.04	4.19	0.17	8229
5/15/2005	31.59	4.36	0.23	8248
5/16/2005	30.35	5.29	0.17	8346
5/17/2005	30.77	4.62	0.19	8232
5/18/2005	30.85	4.91	0.25	8291
5/19/2005	30.67	4.57	0.26	8324
5/20/2005	30.08	4.44	0.24	8418
5/21/2005	30.36	4.85	0.26	8337
5/22/2005	30.47	4.81	0.24	8316
5/23/2005	30.6	4.96	0.26	8269
5/24/2005	29.87	4.51	0.2	8374
5/25/2005	29.33	5.12	0.36	8560
5/26/2005	31.09	4.71	0.3	8241
5/27/2005	30.2	4.69	0.24	8336
5/28/2005	24.72	5.11	0.27	9024
5/29/2005	30.04	4.6	0.27	8391
5/30/2005	29.71	4.59	0.22	8450
5/31/2005	29.71	4.65	0.24	8388
6/1/2005	29.84	4.55	0.25	8388
6/2/2005	31.73	5.11	0.33	8181
6/3/2005	31.14	4.88	0.32	8228
6/4/2005	31.7	4.94	0.28	8142
6/5/2005	28.48	4.87	0.21	8422
6/6/2005	28.97	4.86	0.26	8475
6/7/2005	30.55	4.65	0.26	8303
6/8/2005	30.18	4.8	0.2	8385
6/9/2005	28.98	5.24	0.21	8392
6/10/2005	28.81	4.92	0.24	8536
6/11/2005	31.2	4.67	0.3	8249
6/12/2005	32.09	4.41	0.22	8131
6/13/2005	30.17	4.67	0.27	8311
6/14/2005	31.05	5.07	0.37	8329
6/15/2005	30.44	4.85	0.29	8302
6/16/2005	30.72	5.13	0.25	8241
6/17/2005	30.51	4.63	0.23	8351
6/18/2005	29.8	4.57	0.23	8407
6/19/2005	29.49	4.53	0.2	8480
6/20/2005	29.39	4.58	0.26	8460
6/21/2005	29.57	4.54	0.21	8457
6/22/2005	30.37	4.79	0.29	8318
6/23/2005	30.54	4.65	0.25	8255
6/24/2005	0.00	0.00	0.00	0
6/25/2005	0.00	0.00	0.00	0
6/26/2005	0.00	0.00	0.00	0
6/27/2005	30.62	4.86	0.37	8243
6/28/2005	31.27	4.40	0.25	8254
6/29/2005	29.64	4.97	0.20	8320
6/30/2005	29.34	4.85	0.30	8471
7/1/2005	30.83	4.77	0.26	8260
7/2/2005	30.44	4.93	0.22	8215
7/3/2005	30.04	4.62	0.29	8347
7/4/2005	29.5	4.89	0.23	8395
7/5/2005	30.53	4.64	0.24	8295
7/6/2005	30.32	4.6	0.24	8330
7/7/2005	31.3	4.84	0.27	8181
7/8/2005	30.95	4.92	0.3	8207
7/9/2005	30.6	4.77	0.24	8224
7/10/2005	29.96	4.82	0.21	8363
7/11/2005	32.42	4.2	0.22	8087
7/12/2005	29.08	4.6	0.23	8544
7/13/2005	27.89	4.74	0.25	8725
7/14/2005	30.37	4.89	0.29	8341
7/15/2005	31.48	4.91	0.34	8153
7/16/2005	29.18	4.97	0.31	8437
7/17/2005	30.65	4.21	0.21	8383
7/18/2005	32.15	4.38	0.25	8105
7/19/2005	29.69	4.77	0.18	8396
7/20/2005	29.69	4.77	0.18	8396

4/8/2005	0.00	0.00	0.00	0
4/9/2005	0.00	0.00	0.00	0
4/10/2005	0.00	0.00	0.00	0
4/11/2005	0.00	0.00	0.00	0
4/12/2005	0.00	0.00	0.00	0
4/13/2005	0.00	0.00	0.00	0
4/14/2005	0.00	0.00	0.00	0
4/15/2005	0.00	0.00	0.00	0
4/16/2005	0.00	0.00	0.00	0
4/17/2005	0.00	0.00	0.00	0
4/18/2005	0.00	0.00	0.00	0
4/19/2005	0.00	0.00	0.00	0
4/20/2005	0.00	0.00	0.00	0
4/21/2005	0.00	0.00	0.00	0
4/22/2005	0.00	0.00	0.00	0
4/23/2005	0.00	0.00	0.00	0
4/24/2005	0.00	0.00	0.00	0
4/25/2005	0.00	0.00	0.00	0
4/26/2005	0.00	0.00	0.00	0
4/27/2005	0.00	0.00	0.00	0
4/28/2005	0.00	0.00	0.00	0
4/29/2005	0.00	0.00	0.00	0
4/30/2005	0.00	0.00	0.00	0
5/1/2005	0.00	0.00	0.00	0
5/2/2005	0.00	0.00	0.00	0
5/3/2005	0.00	0.00	0.00	0
5/4/2005	0.00	0.00	0.00	0
5/5/2005	0.00	0.00	0.00	0
5/6/2005	0.00	0.00	0.00	0
5/7/2005	25.61	4.98	0.29	8861
5/8/2005	29.91	4.4	0.25	8416
5/9/2005	0.00	0.00	0.00	0
5/10/2005	0.00	0.00	0.00	0
5/11/2005	0.00	0.00	0.00	0
5/12/2005	27.68	4.38	0.23	8702
5/13/2005	0.00	0.00	0.00	0
5/14/2005	0.00	0.00	0.00	0
5/15/2005	0.00	0.00	0.00	0
5/16/2005	27.61	5.02	0.26	8689
5/17/2005	28.71	4.56	0.24	8556
5/18/2005	24.52	5.43	0.23	8958
5/19/2005	29.58	4.92	0.27	8400
5/20/2005	30.81	4.68	0.25	8303
5/21/2005	29.7	4.64	0.26	8452
5/22/2005	30.41	4.57	0.23	8363
5/23/2005	30.5	5.09	0.31	8289
5/24/2005	27.95	5.22	0.3	8529
5/25/2005	31.32	4.78	0.32	8279
5/26/2005	0.00	0.00	0.00	0
5/27/2005	0.00	0.00	0.00	0
5/28/2005	30.28	5.04	0.36	8335
5/29/2005	31.11	4.77	0.33	8254
5/30/2005	29.16	4.43	0.27	8521
5/31/2005	29.81	4.66	0.22	8376
6/1/2005	30	4.64	0.27	8389
6/2/2005	30.85	5.05	0.3	8301
6/3/2005	31.41	4.6	0.24	8263
6/4/2005	31.92	4.68	0.26	8114
6/5/2005	30.33	4.93	0.22	8280
6/6/2005	29.61	4.75	0.25	8376
6/7/2005	30.34	5.07	0.21	8274
6/8/2005	32.58	5.02	0.22	8063
6/9/2005	29.37	5.24	0.25	8363
6/10/2005	17.18	5.87	0.27	9863
6/11/2005	31.53	5	0.33	8179
6/12/2005	32.37	4.82	0.3	8053
6/13/2005	30.33	4.83	0.28	8251
6/14/2005	32.73	4.79	0.38	8098
6/15/2005	31.26	4.53	0.26	8234
6/16/2005	30.13	4.78	0.23	8370
6/17/2005	30.13	4.52	0.24	8397
6/18/2005	29.85	4.76	0.25	8368
6/19/2005	29.15	4.58	0.19	8518
6/20/2005	29.05	4.67	0.2	8474
6/21/2005	29.27	4.81	0.25	8461
6/22/2005	0.00	0.00	0.00	0
6/23/2005	0.00	0.00	0.00	0
6/24/2005	30.44	4.65	0.28	8326
6/25/2005	29.31	4.72	0.20	8428
6/26/2005	28.80	4.63	0.26	8511
6/27/2005	28.68	4.60	0.24	8469
6/28/2005	30.69	4.38	0.24	8340
6/29/2005	28.60	4.75	0.26	8523
6/30/2005	29.46	4.92	0.27	8452
7/1/2005	32.24	4.65	0.25	8055
7/2/2005	31.7	4.56	0.24	8138
7/3/2005	31.31	4.77	0.25	8136
7/4/2005	30.35	4.68	0.24	8334
7/5/2005	31.1	5.33	0.32	8135
7/6/2005	29.61	4.86	0.28	8367
7/7/2005	30.54	4.72	0.28	8296
7/8/2005	31.59	4.52	0.3	8081
7/9/2005	31.9	4.75	0.25	8062
7/10/2005	30.75	4.54	0.23	8253
7/11/2005	31.75	4.36	0.25	8207
7/12/2005	31.35	4.33	0.24	8276
7/13/2005	30.82	4.45	0.24	8368
7/14/2005	30.7	4.87	0.34	8225
7/15/2005	30.24	4.64	0.33	8345
7/16/2005	30.12	4.61	0.23	8354
7/17/2005	30.92	4.28	0.2	8349
7/18/2005	30.9	4.55	0.24	8245
7/19/2005	30.84	4.71	0.22	8288
7/20/2005	30.73	4.33	0.21	8378

4/8/2005	29.46	4.81	0.22	8495
4/9/2005	29.23	4.84	0.23	8553
4/10/2005	29.43	4.72	0.22	8486
4/11/2005	31.09	4.78	0.24	8198
4/12/2005	32.07	4.53	0.22	8179
4/13/2005	31	4.59	0.27	8330
4/14/2005	32.97	4.83	0.35	8039
4/15/2005	31.81	4.83	0.31	8188
4/16/2005	31.48	4.85	0.25	8195
4/17/2005	29.72	4.74	0.22	8398
4/18/2005	29.33	4.97	0.21	8415
4/19/2005	29.85	4.83	0.22	8417
4/20/2005	30.47	4.79	0.22	8354
4/21/2005	29.87	5.12	0.35	8416
4/22/2005	29.41	4.8	0.16	8430
4/23/200				

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7/21/2005	0.00	0.00	0.00	0
7/22/2005	0.00	0.00	0.00	0
7/23/2005	0.00	0.00	0.00	0
7/24/2005	29.88	4.85	0.24	8400
7/25/2005	30.2	4.23	0.22	8435
7/26/2005	30.6	4.16	0.22	8355
7/27/2005	28.72	4.60	0.24	8537
7/28/2005	30.94	4.71	0.31	8323
7/29/2005	30.08	4.82	0.22	8312
7/30/2005	29.83	4.65	0.24	8385
7/31/2005	30.78	4.31	0.19	8302
8/1/2005	31.1	4.33	0.26	8336
8/2/2005	29.99	4.82	0.23	8314
8/3/2005	30.88	5.02	0.26	8236
8/4/2005	29.83	4.98	0.27	8324
8/5/2005	28.91	4.83	0.18	8472
8/6/2005	29.92	4.69	0.23	8368
8/7/2005	29.55	5.2	0.2	8329
8/8/2005	29.25	4.6	0.27	8431
8/9/2005	29.46	4.73	0.23	8403
8/10/2005	29.75	4.5	0.23	8485
8/11/2005	30.56	4.82	0.25	8229
8/12/2005	30.56	5.04	0.26	8220
8/13/2005	30.8	4.67	0.26	8208
8/14/2005	32.19	4.78	0.39	8071
8/15/2005	30.09	5.08	0.28	8266
8/16/2005	20.61	5.39	0.28	9176
8/17/2005	30.43	4.4	0.23	8331
8/18/2005	30.72	4.48	0.26	8345
8/19/2005	30.25	4.43	0.27	8397
8/20/2005	28.99	4.69	0.27	8469
8/21/2005	30.65	4.85	0.27	8211
8/22/2005	30.93	4.67	0.27	8258
8/23/2005	30.26	4.69	0.26	8324
8/24/2005	30.01	4.91	0.24	8324
8/25/2005	28.75	4.89	0.34	8571
8/26/2005	29.57	4.35	0.26	8485
8/27/2005	30.74	4.11	0.22	8405
8/28/2005	29.21	4.56	0.19	8518
8/29/2005	29.27	4.77	0.28	8459
8/30/2005	29.25	4.63	0.25	8508
8/31/2005	29.05	4.7	0.28	8385
9/1/2005	29.85	4.78	0.3	8407
9/2/2005	30.15	4.78	0.37	8357
9/3/2005	29.79	4.58	0.29	8427
9/4/2005	29.96	4.72	0.29	8398
9/5/2005	29.8	4.65	0.29	8371
9/6/2005	29.95	4.88	0.29	8379
9/7/2005	29.31	4.53	0.23	8527
9/8/2005	28.27	4.77	0.23	8645
9/9/2005	30.1	4.7	0.3	8413
9/10/2005	30.49	4.46	0.25	8395
9/11/2005	30.79	5.27	0.32	8327
9/12/2005	29.99	4.54	0.25	8480
9/13/2005	29.48	4.6	0.26	8464
9/14/2005	29.82	4.65	0.27	8419
9/15/2005	30.09	4.71	0.21	8333
9/16/2005	30.59	4.78	0.22	8258
9/17/2005	30.15	4.64	0.23	8383
9/18/2005	30.77	4.69	0.3	8273
9/19/2005	31.08	4.5	0.3	8175
9/20/2005	29.85	4.71	0.29	8407
9/21/2005	29.57	4.49	0.3	8483
9/22/2005	30.2	5.27	0.29	8340
9/23/2005	29.8	4.72	0.27	8432
9/24/2005	27.8	5.42	0.3	8561
9/25/2005	0.00	0.00	0.00	0
9/26/2005	0.00	0.00	0.00	0
9/27/2005	0.00	0.00	0.00	0
9/28/2005	0.00	0.00	0.00	0
9/29/2005	0.00	0.00	0.00	0
9/30/2005	0.00	0.00	0.00	0
10/1/2005	0.00	0.00	0.00	0
10/2/2005	0.00	0.00	0.00	0
10/3/2005	0.00	0.00	0.00	0
10/4/2005	0.00	0.00	0.00	0
10/5/2005	0.00	0.00	0.00	0
10/6/2005	0.00	0.00	0.00	0
10/7/2005	0.00	0.00	0.00	0
10/8/2005	0.00	0.00	0.00	0
10/9/2005	0.00	0.00	0.00	0
10/10/2005	0.00	0.00	0.00	0
10/11/2005	0.00	0.00	0.00	0
10/12/2005	0.00	0.00	0.00	0
10/13/2005	0.00	0.00	0.00	0
10/14/2005	0.00	0.00	0.00	0
10/15/2005	0.00	0.00	0.00	0
10/16/2005	0.00	0.00	0.00	0
10/17/2005	0.00	0.00	0.00	0
10/18/2005	0.00	0.00	0.00	0
10/19/2005	0.00	0.00	0.00	0
10/20/2005	0.00	0.00	0.00	0
10/21/2005	0.00	0.00	0.00	0
10/22/2005	28	9.58	0.3	7937
10/23/2005	28	9.58	0.3	7937
10/24/2005	30.64	4.81	0.38	8314
10/25/2005	30.36	5.7	0.29	8191
10/26/2005	31.12	4.74	0.33	8276
10/27/2005	28.98	4.73	0.24	8624
10/28/2005	28.07	4.96	0.21	8623
10/29/2005	30.22	4.82	0.29	8384
10/30/2005	29.76	5.5	0.19	8297
10/31/2005	29.7	5.41	0.25	8340
11/1/2005	31.83	4.85	0.36	8175

7/21/2005	29.81	4.46	0.25	8449
7/22/2005	29.28	4.63	0.3	8534
7/23/2005	30.05	4.5	0.27	8436
7/24/2005	30.11	5.33	0.32	8329
7/25/2005	29.82	4.79	0.22	8400
7/26/2005	28.96	4.85	0.23	8505
7/27/2005	28.86	4.85	0.17	8500
7/28/2005	31.3	4.94	0.28	8219
7/29/2005	28.88	4.63	0.23	8512
7/30/2005	29.65	4.76	0.28	8368
7/31/2005	0.00	0.00	0.00	0
8/1/2005	29.71	4.22	0.24	8537
8/2/2005	30	4.38	0.27	8424
8/3/2005	29.73	4.76	0.25	8404
8/4/2005	30.02	4.88	0.26	8347
8/5/2005	27.26	5.51	0.22	8587
8/6/2005	29.44	4.71	0.28	8440
8/7/2005	29.22	4.82	0.25	8462
8/8/2005	30.08	4.52	0.24	8364
8/9/2005	29.02	4.83	0.22	8408
8/10/2005	29.85	4.4	0.19	8492
8/11/2005	29.22	4.66	0.2	8414
8/12/2005	29.49	4.76	0.19	8372
8/13/2005	28.48	5.06	0.21	8703
8/14/2005	31.63	4.91	0.33	8151
8/15/2005	29.9	4.84	0.26	8348
8/16/2005	30.48	4.8	0.33	8285
8/17/2005	30.32	4.72	0.29	8291
8/18/2005	30.98	4.42	0.26	8334
8/19/2005	29.7	4.4	0.25	8436
8/20/2005	29.77	4.98	0.22	8306
8/21/2005	31.72	4.68	0.29	8153
8/22/2005	32.25	4.67	0.22	8095
8/23/2005	30.33	4.8	0.22	8323
8/24/2005	30.46	4.72	0.24	8305
8/25/2005	29.41	4.66	0.25	8455
8/26/2005	30.22	4.56	0.25	8401
8/27/2005	31.08	4.44	0.26	8296
8/28/2005	31.08	4.44	0.26	8296
8/29/2005	29.92	4.53	0.25	8434
8/30/2005	29.67	4.35	0.21	8487
8/31/2005	30.18	5.41	0.35	8253
9/1/2005	30.24	5.32	0.38	8298
9/2/2005	29.31	5.44	0.39	8433
9/3/2005	29.46	4.87	0.28	8466
9/4/2005	29.85	4.44	0.21	8422
9/5/2005	29.2	4.64	0.33	8512
9/6/2005	30.15	4.68	0.25	8376
9/7/2005	28.86	4.55	0.25	8590
9/8/2005	28.98	4.67	0.25	8588
9/9/2005	31.13	4.39	0.25	8297
9/10/2005	30.47	4.42	0.26	8405
9/11/2005	31.19	4.47	0.3	8275
9/12/2005	29.5	4.3	0.21	8545
9/13/2005	29.97	4.64	0.25	8371
9/14/2005	30.08	4.38	0.24	8435
9/15/2005	29.33	4.44	0.2	8467
9/16/2005	30.39	4.59	0.19	8311
9/17/2005	30.5	4.6	0.22	8286
9/18/2005	31.62	4.7	0.29	8181
9/19/2005	28.89	4.44	0.22	8553
9/20/2005	29.73	5.01	0.27	8400
9/21/2005	29.98	4.47	0.21	8449
9/22/2005	29.35	4.66	0.23	8501
9/23/2005	30.51	4.58	0.27	8347
9/24/2005	29.35	4.84	0.25	8489
9/25/2005	30.92	4.73	0.2	8290
9/26/2005	32.24	4.17	0.24	8221
9/27/2005	30.33	4.58	0.24	8389
9/28/2005	28.58	4.7	0.26	8576
9/29/2005	30.94	4.55	0.26	8298
9/30/2005	30.04	4.72	0.24	8366
10/1/2005	31.05	4.75	0.32	8248
10/2/2005	30.16	4.89	0.29	8354
10/3/2005	28.52	4.9	0.28	8533
10/4/2005	29.9	4.72	0.23	8417
10/5/2005	30.34	4.71	0.23	8397
10/6/2005	30.3	4.56	0.32	8347
10/7/2005	30.57	4.54	0.31	8333
10/8/2005	29.38	4.22	0.23	8567
10/9/2005	29.03	4.56	0.23	8553
10/10/2005	29.39	4.26	0.24	8540
10/11/2005	31.37	4.52	0.27	8271
10/12/2005	30.72	4.47	0.22	8357
10/13/2005	32.36	4.53	0.27	8061
10/14/2005	29.77	4.9	0.22	8382
10/15/2005	31.82	4.6	0.34	8173
10/16/2005	30.89	4.62	0.27	8301
10/17/2005	29.88	4.29	0.2	8492
10/18/2005	31.59	4.53	0.28	8212
10/19/2005	31.44	4.92	0.36	8232
10/20/2005	31.21	4.73	0.34	8269
10/21/2005	31.08	4.71	0.3	8241
10/22/2005	31.48	4.74	0.4	8200
10/23/2005	31.2	4.91	0.45	8243
10/24/2005	31.08	4.88	0.34	8203
10/25/2005	31.66	4.7	0.33	8204
10/26/2005	31.93	4.83	0.33	8145
10/27/2005	30.2	4.76	0.34	8414
10/28/2005	30.44	4.58	0.26	8364
10/29/2005	31.73	4.87	0.34	8189
10/30/2005	30.25	5.29	0.22	8284
10/31/2005	29.95	5.18	0.18	8334
11/1/2005	31.87	4.81	0.31	8184

7/21/2005	0.00	0.00	0.00	0
7/22/2005	0.00	0.00	0.00	0
7/23/2005	29.41	4.43	0.18	8469
7/24/2005	29.79	4.98	0.32	8384
7/25/2005	30.15	4.53	0.21	8388
7/26/2005	29.22	4.43	0.21	8501
7/27/2005	29.3	4.83	0.16	8440
7/28/2005	30.73	4.5	0.27	8328
7/29/2005	30.34	4.24	0.21	8392
7/30/2005	29.71	4.53	0.22	8378
7/31/2005	30.78	4.31	0.19	8302
8/1/2005	29.56	4.47	0.25	8507
8/2/2005	30.76	4.27	0.26	8397
8/3/2005	31.05			

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11/2/2005	31.06	4.76	0.27	8269	11/2/2005	32.09	4.57	0.35	8151	11/2/2005	0.00	0.00	0.00	0
11/3/2005	29.49	4.8	0.27	8492	11/3/2005	29.31	4.93	0.3	8496	11/3/2005	0.00	0.00	0.00	0
11/4/2005	28.45	5.32	0.19	8489	11/4/2005	28.83	5.26	0.21	8429	11/4/2005	0.00	0.00	0.00	0
11/5/2005	29.88	5.83	0.32	8287	11/5/2005	28.39	5.42	0.28	8489	11/5/2005	0.00	0.00	0.00	0
11/6/2005	28.93	5.29	0.19	8405	11/6/2005	28.74	4.78	0.24	8466	11/6/2005	0.00	0.00	0.00	0
11/7/2005	29.2	5.42	0.24	8362	11/7/2005	27.62	5.03	0.17	8800	11/7/2005	0.00	0.00	0.00	0
11/8/2005	28.81	5.57	0.36	8469	11/8/2005	26.38	5.39	0.35	8798	11/8/2005	0.00	0.00	0.00	0
11/9/2005	27.53	4.95	0.2	8631	11/9/2005	27.94	5.22	0.33	8588	11/9/2005	0.00	0.00	0.00	0
11/10/2005	29.43	5.07	0.42	8475	11/10/2005	31.44	4.79	0.36	8233	11/10/2005	0.00	0.00	0.00	0
11/11/2005	30.63	5	0.35	8325	11/11/2005	31.15	4.9	0.42	8275	11/11/2005	0.00	0.00	0.00	0
11/12/2005	29.68	4.99	0.29	8432	11/12/2005	29	4.7	0.21	8563	11/12/2005	0.00	0.00	0.00	0
11/13/2005	27.13	4.99	0.23	8776	11/13/2005	28.72	4.73	0.21	8575	11/13/2005	0.00	0.00	0.00	0
11/14/2005	27.24	5.24	0.3	8672	11/14/2005	28.34	4.72	0.21	8611	11/14/2005	0.00	0.00	0.00	0
11/15/2005	29.21	4.74	0.3	8513	11/15/2005	29.7	4.86	0.32	8419	11/15/2005	0.00	0.00	0.00	0
11/16/2005	28.79	4.93	0.23	8834	11/16/2005	28.7	4.68	0.23	8817	11/16/2005	0.00	0.00	0.00	0
11/17/2005	29.02	4.76	0.26	8484	11/17/2005	31.75	4.4	0.31	8181	11/17/2005	0.00	0.00	0.00	0
11/18/2005	29.01	4.64	0.31	8591	11/18/2005	30.13	4.56	0.28	8436	11/18/2005	30.15	4.32	0.24	8429
11/19/2005	29.05	4.77	0.32	8548	11/19/2005	0.00	0.00	0.00	0	11/18/2005	30.55	4.56	0.25	8402
11/20/2005	29.61	4.98	0.28	8473	11/20/2005	0.00	0.00	0.00	0	11/19/2005	30.29	4.98	0.28	8378
11/21/2005	29.94	5.16	0.39	8423	11/21/2005	0.00	0.00	0.00	0	11/20/2005	30.87	4.56	0.32	8359
11/22/2005	29.24	4.9	0.28	8494	11/22/2005	0.00	0.00	0.00	0	11/21/2005	30.94	4.82	0.27	8311
11/23/2005	29.26	4.91	0.25	8417	11/23/2005	0.00	0.00	0.00	0	11/22/2005	30.97	4.66	0.28	8334
11/24/2005	27.99	4.93	0.26	8651	11/24/2005	0.00	0.00	0.00	0	11/23/2005	29.83	4.74	0.24	8390
11/25/2005	28.68	4.9	0.26	8561	11/25/2005	0.00	0.00	0.00	0	11/24/2005	30.39	4.45	0.26	8398
11/26/2005	30.44	5.1	0.31	8304	11/26/2005	0.00	0.00	0.00	0	11/25/2005	31.32	5.08	0.34	8208
11/27/2005	28.73	4.82	0.33	8555	11/27/2005	0.00	0.00	0.00	0	11/26/2005	32.01	4.96	0.36	8132
11/28/2005	29.24	4.9	0.3	8467	11/28/2005	0.00	0.00	0.00	0	11/27/2005	30.97	4.63	0.3	8321
11/29/2005	29.26	4.89	0.35	8493	11/29/2005	0.00	0.00	0.00	0	11/28/2005	31.28	4.89	0.32	8215
11/30/2005	28.76	5.02	0.36	8528	11/30/2005	0.00	0.00	0.00	0	11/29/2005	32.16	4.81	0.4	8144
12/1/2005	28.34	5.37	0.28	8509	12/1/2005	0.00	0.00	0.00	0	11/30/2005	29.8	5.38	0.23	8281
12/2/2005	28.57	5.24	0.29	8551	12/2/2005	0.00	0.00	0.00	0	12/1/2005	30.41	4.72	0.26	8335
12/3/2005	25.9	5.39	0.28	8844	12/3/2005	0.00	0.00	0.00	0	12/2/2005	30.21	4.69	0.24	8380
12/4/2005	26.51	5.42	0.26	8756	12/4/2005	0.00	0.00	0.00	0	12/3/2005	29.02	5.08	0.15	8454
12/5/2005	29.03	4.88	0.28	8502	12/5/2005	0.00	0.00	0.00	0	12/4/2005	30.77	4.33	0.2	8380
12/6/2005	30.49	4.74	0.27	8366	12/6/2005	0.00	0.00	0.00	0	12/5/2005	30.94	4.61	0.26	8363
12/7/2005	30.18	4.78	0.25	8387	12/7/2005	0.00	0.00	0.00	0	12/6/2005	31.44	4.77	0.25	8220
12/8/2005	29.94	4.76	0.27	8333	12/8/2005	0.00	0.00	0.00	0	12/7/2005	29.36	4.98	0.18	8437
12/9/2005	28.99	4.74	0.28	8517	12/9/2005	0.00	0.00	0.00	0	12/8/2005	30.84	4.77	0.27	8256
12/10/2005	29.1	4.5	0.25	8541	12/10/2005	0.00	0.00	0.00	0	12/9/2005	30.38	4.71	0.24	8366
12/11/2005	29.48	4.83	0.27	8448	12/11/2005	0.00	0.00	0.00	0	12/10/2005	29.77	4.77	0.23	8340
12/12/2005	28.53	5.13	0.24	8542	12/12/2005	30.11	4.75	0.27	8378	12/11/2005	30.57	4.67	0.24	8325
12/13/2005	26.15	5.54	0.29	8807	12/13/2005	30.11	4.75	0.27	8378	12/12/2005	30.15	4.9	0.28	8367
12/14/2005	28.85	4.88	0.28	8534	12/14/2005	31.25	4.9	0.34	8243	12/13/2005	30.4	4.74	0.3	8381
12/15/2005	28.85	4.88	0.28	8534	12/15/2005	29.71	4.61	0.22	8431	12/14/2005	30.19	4.66	0.25	8408
12/16/2005	28.85	4.88	0.28	8534	12/16/2005	30.76	4.65	0.3	8352	12/15/2005	31.1	4.69	0.28	8304
12/17/2005	31.12	4.45	0.29	8278	12/17/2005	30.88	4.51	0.26	8332	12/16/2005	31.88	4.55	0.22	8182
12/18/2005	31.12	4.45	0.29	8278	12/18/2005	29.67	4.54	0.27	8458	12/17/2005	30.61	4.48	0.26	8355
12/19/2005	29.13	4.59	0.26	8550	12/19/2005	29.57	4.46	0.27	8477	12/18/2005	30.84	4.79	0.33	8256
12/20/2005	29.44	4.37	0.23	8558	12/20/2005	31.3	4.86	0.31	8252	12/19/2005	31.19	4.95	0.3	8272
12/21/2005	31.15	4.9	0.32	8302	12/21/2005	31.11	4.91	0.21	8276	12/20/2005	29.6	4.77	0.25	8483
12/22/2005	28.9	4.76	0.18	8491	12/22/2005	29.49	4.41	0.22	8515	12/21/2005	30.29	4.59	0.26	8372
12/23/2005	27.71	4.66	0.18	8643	12/23/2005	29.49	4.41	0.22	8515	12/22/2005	30.29	4.59	0.28	8372
12/24/2005	27.49	4.65	0.2	8722	12/24/2005	29.62	4.55	0.18	8420	12/23/2005	29.88	4.73	0.2	8384
12/25/2005	26.98	4.69	0.2	8797	12/25/2005	29.35	4.42	0.15	8513	12/24/2005	30.94	4.52	0.18	8305
12/26/2005	29.83	5.92	0.22	8185	12/26/2005	31.09	4.4	0.21	8286	12/25/2005	30.14	4.51	0.17	8388
12/27/2005	29.62	5.21	0.2	8374	12/27/2005	30.07	4.64	0.21	8400	12/26/2005	29.81	4.8	0.23	8451
12/28/2005	29.9	5.03	0.2	8332	12/28/2005	29.96	4.36	0.17	8468	12/27/2005	30.31	4.48	0.22	8415
12/29/2005	24.72	4.77	0.25	9031	12/29/2005	30.23	4.37	0.19	8376	12/28/2005	30.08	4.44	0.19	8391
12/30/2005	27.6	4.59	0.2	8707	12/30/2005	30.08	4.38	0.17	8404	12/29/2005	29.83	4.46	0.16	8424
12/31/2005	27.33	4.88	0.19	8707	12/31/2005	30.82	4.41	0.21	8376	12/30/2005	31.29	4.4	0.2	8280
						29.75	4.55	0.18	8445	12/31/2005	30.27	4.98	0.19	8343

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4/15/2006	30.57	4.69	0.28	8349
4/16/2006	30.77	4.51	0.29	8351
4/17/2006	31.05	4.43	0.33	8341
4/18/2006	31.42	4.63	0.33	8252
4/19/2006	29.88	4.63	0.22	8410
4/20/2006	30.03	4.62	0.29	8397
4/21/2006	28.31	4.63	0.23	8627
4/22/2006	25.65	4.74	0.23	8945
4/23/2006	28.9	4.69	0.18	8570
4/24/2006	28.36	4.53	0.19	8610
4/25/2006	30.69	4.82	0.38	8248
4/26/2006	29.92	4.49	0.25	8416
4/27/2006	31.28	4.73	0.30	8251
4/28/2006	31.28	4.73	0.30	8251
4/29/2006	32.3	4.32	0.24	8123
4/30/2006	32.3	4.32	0.24	8123
5/1/2006	33.25	4.21	0.26	8044
5/2/2006	32.77	4.21	0.26	8097
5/3/2006	31.59	4.39	0.25	8274
5/4/2006	31.34	4.26	0.27	8337
5/5/2006	28.56	4.82	0.27	8593
5/6/2006	32.29	4.25	0.18	8185
5/7/2006	30.73	4.21	0.18	8394
5/8/2006	30.15	4.15	0.22	8462
5/9/2006	28.46	4.28	0.19	8653
5/10/2006	29.4	5.66	0.21	8319
5/11/2006	29.43	4.25	0.2	8491
5/12/2006	29.53	4.46	0.23	8497
5/13/2006	29.98	4.73	0.22	8379
5/14/2006	31.32	4.48	0.24	8240
5/15/2006	29.03	4.5	0.2	8548
5/16/2006	29.74	4.55	0.25	8430
5/17/2006	29.35	4.82	0.23	8469
5/18/2006	29.59	4.34	0.2	8475
5/19/2006	21.82	5.01	0.23	9361
5/20/2006	29.1	4.4	0.2	8554
5/21/2006	29.32	4.29	0.22	8525
5/22/2006	31.29	5.19	0.28	8125
5/23/2006	30.19	4.56	0.24	8394
5/24/2006	29.73	4.35	0.23	8469
5/25/2006	29.94	4.55	0.17	8430
5/26/2006	30.18	4.61	0.2	8368
5/27/2006	30.59	4.69	0.17	8335
5/28/2006	30.21	4.43	0.2	8419
5/29/2006	31.93	4.20	0.18	8228
5/30/2006	31.29	4.76	0.21	8238
5/31/2006	30.39	4.68	0.24	8347
6/1/2006	29.67	4.72	0.19	8499
6/2/2006	29.17	4.44	0.22	8542
6/3/2006	29.32	4.31	0.19	8527
6/4/2006	28.71	4.3	0.21	8621
6/5/2006	30.74	4.58	0.26	8323
6/6/2006	30.99	4.49	0.23	8343
6/7/2006	31.19	4.22	0.25	8318
6/8/2006	30.49	4.62	0.26	8378
6/9/2006	30.25	4.65	0.24	8378
6/10/2006	30.72	4.68	0.27	8312
6/11/2006	30.02	4.28	0.21	8431
6/12/2006	28.89	4.86	0.26	8468
6/13/2006	28.89	4.86	0.26	8468
6/14/2006	0.00	0.00	0.00	0
6/15/2006	29.78	4.94	0.25	8464
6/16/2006	30.09	4.68	0.32	8423
6/17/2006	29.93	4.65	0.3	8420
6/18/2006	29.02	4.38	0.25	8589
6/19/2006	32.17	4.46	0.28	8151
6/20/2006	30.4	4.43	0.24	8385
6/21/2006	30.29	4.48	0.25	8381
6/22/2006	30.24	4.59	0.22	8364
6/23/2006	28.6	4.57	0.26	8613
6/24/2006	30.22	4.05	0.19	8452
6/25/2006	29.67	4.74	0.21	8359
6/26/2006	28.53	4.07	0.19	8653
6/27/2006	29.95	4.54	0.32	8413
6/28/2006	30.61	4.65	0.35	8362
6/29/2006	28.53	4.6	0.21	8571
6/30/2006	29.22	4.44	0.19	8526
7/1/2006	29.75	4.43	0.22	8490
7/2/2006	26.88	4.73	0.24	8803
7/3/2006	31.06	4.49	0.28	8274
7/4/2006	30.9	4.3	0.24	8303
7/5/2006	30.95	4.35	0.26	8303
7/6/2006	30.64	4.8	0.4	8298
7/7/2006	30.67	4.78	0.32	8325
7/8/2006	31.45	4.39	0.28	8264
7/9/2006	29.05	4.29	0.27	8622
7/10/2006	29.81	4.45	0.18	8417
7/11/2006	26.85	4.37	0.2	8802
7/12/2006	31.42	4.58	0.25	8295
7/13/2006	31.64	4.4	0.27	8190
7/14/2006	29.41	5.35	0.21	8373
7/15/2006	29.36	5	0.23	8417
7/16/2006	29.35	4.83	0.31	8440
7/17/2006	29.45	5.34	0.3	8345
7/18/2006	30.51	4.56	0.29	8353
7/19/2006	30.55	4.63	0.22	8283
7/20/2006	29.46	4.50	0.31	8415
7/21/2006	29.57	4.47	0.25	8416
7/22/2006	31.29	4.44	0.24	8229
7/23/2006	29.02	4.42	0.19	8552
7/24/2006	30.65	5.09	0.34	8217
7/25/2006	29.83	4.53	0.22	8465
7/26/2006	29.91	4.71	0.32	8459
7/27/2006	30.34	4.92	0.31	8348
7/28/2006	31.49	4.78	0.34	8229
7/29/2006	28.84	5.11	0.23	8525
7/30/2006	29.57	4.9	0.2	8431
7/31/2006	30.2	4.73	0.34	8375

Date	Analysis	Btu	Unit	Weight
4/15/2006	25.9	4.68	0.19	8836
4/16/2006	31.09	4.57	0.33	8351
4/17/2006	30.31	4.51	0.29	8400
4/18/2006	31.39	4.4	0.28	8285
4/19/2006	30.06	4.57	0.18	8398
4/20/2006	29.88	4.63	0.17	8374
4/21/2006	0	0	0	0
4/22/2006	29.57	4.68	0.19	8438
4/23/2006	30	4.51	0.18	8439
4/24/2006	28.33	4.41	0.16	8652
4/25/2006	30.17	4.47	0.23	8359
4/26/2006	30.41	4.48	0.21	8339
4/27/2006	31.36	4.48	0.3	8265
4/28/2006	31.05	4.3	0.21	8247
4/29/2006	30.76	4.38	0.23	8302
4/30/2006	30.73	4.26	0.22	8308
5/1/2006	33.02	4.43	0.27	8050
5/2/2006	32.03	4.42	0.27	8167
5/3/2006	31.3	4.28	0.26	8312
5/4/2006	30.55	4.33	0.24	8396
5/5/2006	30.36	4.38	0.18	8410
5/6/2006	31.43	4.7	0.23	8233
5/7/2006	30.5	4.4	0.19	8365
5/8/2006	31.46	4.11	0.23	8301
5/9/2006	29.31	4.44	0.16	8522
5/10/2006	29.54	4.46	0.21	8479
5/11/2006	30.75	4.52	0.28	8282
5/12/2006	26.68	4.73	0.3	8796
5/13/2006	29.9	4.56	0.22	8399
5/14/2006	31.25	4.57	0.23	8251
5/15/2006	25.3	4.73	0.25	8913
5/16/2006	21.2	4.92	0.23	9372
5/17/2006	29.55	4.37	0.25	8486
5/18/2006	29.6	4.34	0.22	8471
5/19/2006	29.63	4.49	0.23	8490
5/20/2006	29.19	4.51	0.18	8528
5/21/2006	28.36	4.69	0.23	8603
5/22/2006	30.86	4.65	0.26	8239
5/23/2006	30.82	4.44	0.21	8332
5/24/2006	30.11	4.38	0.2	8443
5/25/2006	30.79	4.37	0.22	8336
5/26/2006	29.83	4.83	0.22	8397
5/27/2006	30.58	4.35	0.17	8390
5/28/2006	29.64	4.4	0.22	8495
5/29/2006	26.59	4.52	0.21	8845
5/30/2006	30.69	4.28	0.21	8381
5/31/2006	30.37	4.78	0.26	8335
6/1/2006	29.99	4.47	0.2	8468
6/2/2006	30.86	4.3	0.21	8342
6/3/2006	29.36	4.28	0.21	8559
6/4/2006	28.28	4.48	0.22	8672
6/5/2006	30.17	4.57	0.27	8438
6/6/2006	28.88	4.74	0.26	8551
6/7/2006	30.07	4.6	0.26	8397
6/8/2006	29.8	4.41	0.25	8493
6/9/2006	29.79	4.45	0.18	8457
6/10/2006	31.61	4.53	0.32	8221
6/11/2006	30.44	4.43	0.24	8351
6/12/2006	29.17	4.48	0.2	8502
6/13/2006	32.23	4.8	0.3	8108
6/14/2006	30.62	4.18	0.19	8444
6/15/2006	31.23	4.97	0.33	8235
6/16/2006	30.31	4.48	0.29	8416
6/17/2006	29.19	4.23	0.22	8571
6/18/2006	29.71	4.51	0.29	8470
6/19/2006	33.35	4.19	0.25	8014
6/20/2006	32.11	4.23	0.23	8192
6/21/2006	31.76	4.63	0.23	8163
6/22/2006	30.53	4.45	0.23	8368
6/23/2006	30.51	4.72	0.26	8292
6/24/2006	31.63	4.41	0.26	8204
6/25/2006	29.77	4.4	0.21	8458
6/26/2006	29.14	4.4	0.2	8538
6/27/2006	29.64	4.38	0.29	8431
6/28/2006	31.05	4.34	0.26	8327
6/29/2006	30.08	4.68	0.31	8362
6/30/2006	24.92	5.14	0.37	9017
7/1/2006	30.39	4.6	0.27	8379
7/2/2006	29.28	4.71	0.21	8491
7/3/2006	29.86	5.1	0.21	8338
7/4/2006	30.95	4.47	0.29	8338
7/5/2006	31.49	4.47	0.22	8230
7/6/2006	30.28	4.33	0.29	8410
7/7/2006	31.25	4.27	0.24	8322
7/8/2006	31.14	4.41	0.23	8329
7/9/2006	31.3	4.38	0.27	8269
7/10/2006	30.02	4.57	0.26	8380
7/11/2006	29.52	4.82	0.25	8460
7/12/2006	29.42	4.56	0.24	8550
7/13/2006	29.88	4.95	0.23	8320
7/14/2006	29.26	5.5	0.26	8378
7/15/2006	28.61	4.65	0.23	8548
7/16/2006	29.48	4.8	0.34	8433
7/17/2006	31.03	4.78	0.28	8421
7/18/2006	30.08	5.19	0.32	8209
7/19/2006	30.08	4.6	0.3	8382
7/20/2006	31.04	4.51	0.3	8243
7/21/2006	30.41	4.57	0.27	8347
7/22/2006	30.41	4.57	0.27	8347
7/23/2006	29.53	4.64	0.35	8460
7/24/2006	29.53	4.64	0.35	8460
7/25/2006	30.48	4.3	0.25	8419
7/26/2006	30.34	4.86	0.29	8318
7/27/2006	30.34	4.86	0.29	8318
7/28/2006	31.04	4.55	0.29	8346
7/29/2006	29.59	4.67	0.19	8508
7/30/2006	29.59	4.58	0.2	8487
7/31/2006	29.3	4.5	0.18	8507

4/15/2006	0.00	0.00	0.00	0
4/16/2006	0.00	0.00	0.00	0
4/17/2006	0.00	0.00	0.00	0
4/18/2006	0.00	0.00		

Welsh Power Plant
2000 - 2006
Coal Burn
Analysis data - unit samples

Unit #1					Unit #2					Unit #3				
DATE	%	%	%		DATE	%	%	%		DATE	%	%	%	
	Moisture	Ash	Sulfur (wet)	BTU/lb		Moisture	Ash	Sulfur (wet)	BTU/lb		Moisture	Ash	Sulfur (wet)	BTU/lb
1/1/2006	29.25	4.57	0.2	8506	1/1/2006	30.18	4.23	0.2	8461	1/1/2006	30.63	4.43	0.16	8334
1/2/2006	29.77	4.43	0.2	8473	1/2/2006	31.31	4.31	0.21	8306	1/2/2006	32.37	4.09	0.18	8199
1/3/2006	31.77	4.44	0.25	8218	1/3/2006	31.82	4.32	0.22	8220	1/3/2006	31.03	4.38	0.23	8323
1/4/2006	29.73	4.47	0.19	8431	1/4/2006	29.74	4.28	0.18	8469	1/4/2006	31.45	4.23	0.19	8262
1/5/2006	28.1	4.62	0.23	8688	1/5/2006	30.22	4.41	0.24	8425	1/5/2006	30.42	4.3	0.18	8421
1/6/2006	27.09	4.67	0.22	8742	1/6/2006	31.09	4.33	0.21	8330	1/6/2006	31.38	4.37	0.2	8286
1/7/2006	30.86	4.35	0.19	8347	1/7/2006	32.01	4.09	0.22	8253	1/7/2006	30.16	4.36	0.2	8437
1/8/2006	28.92	4.41	0.17	8564	1/8/2006	28.58	4.84	0.19	8543	1/8/2006	30.79	4.22	0.2	8376
1/9/2006	29.34	4.44	0.2	8537	1/9/2006	30.35	4.27	0.21	8414	1/9/2006	29.21	4.36	0.2	8554
1/10/2006	29.58	5.25	0.3	8472	1/10/2006	31.37	4.68	0.32	8263	1/10/2006	32.09	4.75	0.34	8157
1/11/2006	28.74	4.65	0.3	8480	1/11/2006	29.97	4.49	0.23	8447	1/11/2006	32.09	4.75	0.34	8157
1/12/2006	30.01	4.9	0.29	8399	1/12/2006	29.71	4.48	0.24	8479	1/12/2006	0.00	0.00	0.00	0
1/13/2006	29.04	4.76	0.23	8515	1/13/2006	30.6	4.24	0.2	8382	1/13/2006	29.98	4.84	0.24	8393
1/14/2006	30.23	4.32	0.2	8442	1/14/2006	29.5	4.81	0.19	8481	1/14/2006	29.25	4.89	0.2	8481
1/16/2006	26.74	4.73	0.21	8821	1/16/2006	29.12	4.85	0.21	8495	1/16/2006	29.49	4.59	0.2	8490
1/16/2006	27.83	4.85	0.23	8654	1/16/2006	28.92	5	0.22	8445	1/16/2006	29.4	4.72	0.23	8443
1/17/2006	28.85	4.84	0.23	8498	1/17/2006	29.24	4.48	0.21	8520	1/17/2006	29.52	4.71	0.23	8440
1/18/2006	28.85	4.84	0.23	8498	1/18/2006	29.24	4.46	0.21	8520	1/18/2006	29.52	4.71	0.23	8440
1/19/2006	28.38	4.55	0.2	8609	1/19/2006	29.36	5.09	0.23	8405	1/19/2006	29.14	5.09	0.22	8466
1/20/2006	29.29	4.38	0.22	8537	1/20/2006	30.06	4.37	0.19	8470	1/20/2006	30.71	4.66	0.26	8347
1/21/2006	29.08	4.93	0.23	8515	1/21/2006	31.88	4.19	0.25	8298	1/21/2006	30.73	4.67	0.28	8354
1/22/2006	29.19	5.06	0.18	8513	1/22/2006	31.27	4.25	0.25	8373	1/22/2006	31.04	4.05	0.17	8454
1/23/2006	29.75	4.45	0.25	8497	1/23/2006	30.36	4.37	0.21	8420	1/23/2006	31.12	4.58	0.3	8286
1/24/2006	28.52	4.89	0.22	8540	1/24/2006	29.86	4.88	0.18	8376	1/24/2006	30.26	4.67	0.2	8351
1/25/2006	29.41	5.20	0.25	8360	1/25/2006	30.97	5.08	0.37	8276	1/25/2006	27.95	4.88	0.23	8610
1/28/2006	29.24	4.59	0.23	8526	1/26/2006	30.55	4.91	0.26	8313	1/26/2006	27.95	4.88	0.23	8610
1/27/2006	27.51	5.09	0.23	8657	1/27/2006	30.08	4.77	0.17	8341	1/27/2006	0.00	0.00	0.00	0
1/28/2006	29.91	4.99	0.25	8388	1/28/2006	30.08	4.77	0.17	8341	1/28/2006	27.73	5	0.27	8629
1/29/2006	30.13	4.72	0.32	8387	1/29/2006	0.00	0.00	0.00	0	1/29/2006	29.29	4.94	0.25	8434
1/30/2006	28.5	4.97	0.34	8601	1/30/2006	0.00	0.00	0.00	0	1/30/2006	31.02	4.62	0.28	8348
1/31/2006	30.82	4.47	0.28	8346	1/31/2006	0.00	0.00	0.00	0	1/31/2006	30.2	4.54	0.27	8412
2/1/2006	31.1	4.88	0.36	8274	2/1/2006	0.00	0.00	0.00	0	2/1/2006	30.86	4.8	0.33	8293
2/2/2006	30.36	5.08	0.37	8347	2/2/2006	0.00	0.00	0.00	0	2/2/2006	26.65	4.98	0.26	8777
2/3/2006	28.99	5.22	0.22	8430	2/3/2006	0.00	0.00	0.00	0	2/3/2006	25.67	5.14	0.3	8852
2/4/2006	30.39	4.96	0.26	8307	2/4/2006	0.00	0.00	0.00	0	2/4/2006	27.66	4.64	0.3	8702
2/5/2006	30.77	4.43	0.28	8326	2/5/2006	0.00	0.00	0.00	0	2/5/2006	27.77	4.47	0.29	8724
2/6/2006	30.69	4.36	0.29	8395	2/6/2006	0.00	0.00	0.00	0	2/6/2006	31.51	4.49	0.34	8296
2/7/2006	30.18	4.69	0.26	8417	2/7/2006	29.1	4.94	0.28	8533	2/7/2006	16.59	5.37	0.27	10095
2/8/2006	29.72	4.76	0.36	8461	2/8/2006	29.1	4.94	0.28	8533	2/8/2006	30.18	4.85	0.34	8390
2/9/2006	29.13	4.91	0.33	8580	2/9/2006	29.1	4.94	0.28	8533	2/9/2006	30.17	4.61	0.35	8480
2/10/2006	29.57	4.84	0.34	8474	2/10/2006	28.6	4.93	0.26	8519	2/10/2006	30.2	4.39	0.25	8435
2/11/2006	30.66	4.7	0.26	8364	2/11/2006	29.8	4.44	0.22	8508	2/11/2006	27.67	4.82	0.31	8710
2/12/2006	0.00	0.00	0.00	0	2/12/2006	29.87	4.78	0.29	8453	2/12/2006	30.92	4.64	0.3	8323
2/13/2006	0.00	0.00	0.00	0	2/13/2006	30.3	4.8	0.28	8386	2/13/2006	30.41	4.63	0.29	8392
2/14/2006	0.00	0.00	0.00	0	2/14/2006	30.52	4.48	0.28	8379	2/14/2006	30.26	4.66	0.26	8318
2/15/2006	0.00	0.00	0.00	0	2/15/2006	30.75	4.63	0.28	8335	2/15/2006	29.67	4.59	0.28	8483
2/16/2006	0.00	0.00	0.00	0	2/16/2006	30.66	4.59	0.37	8337	2/16/2006	19.55	5.29	0.28	9602
2/17/2006	0.00	0.00	0.00	0	2/17/2006	31.78	4.85	0.41	8190	2/17/2006	15.32	5.06	0.28	10156
2/18/2006	0.00	0.00	0.00	0	2/18/2006	30.07	4.61	0.34	8469	2/18/2006	30	4.46	0.32	8497
2/19/2006	0.00	0.00	0.00	0	2/19/2006	29.41	4.85	0.24	8474	2/19/2006	30.8	4.25	0.26	8413
2/20/2006	0.00	0.00	0.00	0	2/20/2006	29.77	4.69	0.22	8476	2/20/2006	29.41	4.88	0.28	8470
2/21/2006	0.00	0.00	0.00	0	2/21/2006	29.2	4.94	0.27	8490	2/21/2006	30.33	4.94	0.31	8385
2/22/2006	0.00	0.00	0.00	0	2/22/2006	29.11	4.86	0.27	8564	2/22/2006	30.35	5.12	0.31	8341
2/23/2006	0.00	0.00	0.00	0	2/23/2006	29.03	4.88	0.29	8503	2/23/2006	23.57	5.01	0.27	9090
2/24/2006	30.85	4.67	0.25	8212	2/24/2006	31.69	4.72	0.31	8091	2/24/2006	24.52	5.11	0.3	8947
2/25/2006	29.99	5.21	0.39	8335	2/25/2006	31.43	4.64	0.27	8242	2/25/2006	26.51	5.05	0.29	8809
2/26/2006	29.8	4.6	0.25	8451	2/26/2006	28.39	4.9	0.21	8594	2/26/2006	20.6	5.37	0.31	9474
2/27/2006	30.99	4.33	0.25	8292	2/27/2006	25.75	5.09	0.25	8929	2/27/2006	27.1	5.26	0.23	8704
2/28/2006	28.91	4.48	0.26	8582	2/28/2006	29.8	4.69	0.3	8435	2/28/2006	28.4	4.9	0.31	8598
3/1/2006	30.33	4.68	0.31	8393	3/1/2006	29.08	4.47	0.28	8569	3/1/2006	25.34	5.27	0.34	8960
3/2/2006	30.49	4.74	0.29	8333	3/2/2006	20.69	5.29	0.29	9518	3/2/2006	27.04	4.66	0.29	8792
3/3/2006	29.37	4.55	0.25	8505	3/3/2006	29.39	4.57	0.22	8488	3/3/2006	26.06	4.61	0.26	8928
3/4/2006	28.34	4.8	0.25	8601	3/4/2006	30.43	4.58	0.26	8371	3/4/2006	26.06	4.61	0.26	8928
3/5/2006	28.87	4.64	0.26	8567	3/5/2006	29.41	4.76	0.24	8416	3/5/2006	0.00	0.00	0.00	0
3/6/2006	28.5	4.55	0.19	8586	3/6/2006	29.41	4.76	0.24	8416	3/6/2006	0.00	0.00	0.00	0
3/7/2006	27.52	4.83	0.22	8719	3/7/2006	30.48	4.53	0.20	8381	3/7/2006	0.00	0.00	0.00	0
3/8/2006	28.57	4.65	0.19	8592	3/8/2006	28.9	4.90	0.20	8520	3/8/2006	0.00	0.00	0.00	0
3/9/2006	28.85	4.62	0.19	8550	3/9/2006	29.47	4.55	0.24	8535	3/9/2006	0.00	0.00	0.00	0
3/10/2006	28.78	4.57	0.22	8586	3/10/2006	29.97	4.39	0.25	8474	3/10/2006	0.00	0.00	0.00	0
3/11/2006	28.39	4.96	0.29	8555	3/11/2006	30.71	4.72	0.25	8349	3/11/2006	0.00	0.00	0.00	0
3/12/2006	28.00	5.08	0.27	8599	3/12/2006	30.32	4.79	0.24	8368	3/12/2006	0.00	0.00	0.00	0
3/13/2006	29.41	4.46	0.24	8515	3/13/2006	30.04	4.34	0.23	8441	3/13/2006	0.00	0.00	0.00	0
3/14/2006	27.96	4.26	0.2	8706	3/14/2006	28.81	4.06	0.21	8598	3/14/2006	0.00	0.00	0.00	0
3/15/2006	28.39	4.25	0.21	8658	3/15/2006	29.96	4.59	0.26	8413	3/15/2006	0.00	0.00	0.00	0
3/16/2006	31.87	4.49	0.25	8209	3/16/2006	31.53	4.62	0.23	8225	3/16/2006	0.00	0.00	0.00	0
3/17/2006	28.61	4.4	0.24	8644	3/17/2006	28.4	4.79	0.26	8546	3/17/2006	0.00	0.00	0.00	0
3/18/2006	25.54	4.74	0.25	8950	3/18/2006	28.92	4.75	0.19	8574	3/18/2006	0.00	0.00	0.00	0
3/19/2006	29.79	4.96	0.27	8394	3/19/2006	31.09	4.53	0.25	8293	3/19/2006	0.00			

EXHIBIT 4

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPSCO midnight samples	Unit 1: moisture % by weight, from SWEPSCO midnight samples	Unit 1: ash % by weight (wet), from SWEPSCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPSCO midnight samples
1/1/2003	3120.479	4701.808	0.46	31.94	4.76	1418.471	2698.254	0.38
1/2/2003	3572.367	5475.463	0.45	30.63	4.83	3443.825	5439.6	0.43
1/3/2003	2773.2	5699.95	0.45	30.69	4.58	2621.95	5599.883	0.33
1/4/2003	3031.758	5176.75	0.29	28.45	4.72	2979.304	5055.996	0.53
1/5/2003	3076.854	4830.067	0.44	29.69	4.87	2954.513	4642.713	0.47
1/6/2003	2603.642	5499.567	0.31	29.91	5.32	2580.196	5519.729	0.34
1/7/2003	3416.825	5655.721	0.41	32.22	4.51	3373.175	5595.654	0.43
1/8/2003	3520.613	5616.3	0.43	30.77	4.26	3448.471	5526.313	0.47
1/9/2003	3073.963	5671.125	0.33	30.14	4.24	2993.533	5649.279	0.39
1/10/2003	2410.188	5756.313	0.33	27.79	4.39	2225.5	5503.704	0.33
1/11/2003	3458.471	5918.913	0.31	29.27	4.63	3450.5	5827.538	0.40
1/12/2003	2499.608	5696.308	0.33	28.13	4.83	2429.321	5605.283	0.33
1/13/2003	2946.792	5849.375	0.44	29.85	4.57	2892.913	5729.767	0.36
1/14/2003	3123.358	5903.167	0.45	29.46	4.59	3228.025	5757.833	0.36
1/15/2003	3770.263	5848.117	0.48	30.90	4.48	3746.963	5789.113	0.50
1/16/2003	3065.35	5911.146	0.38	28.96	5.79	3010.821	5875.142	0.34
1/17/2003	2461.246	5709.733	0.42	28.49	4.93	2513.742	5778.296	0.38
1/18/2003	2364.654	5636.917	0.44	28.96	5.00	2368.838	5484.571	0.43
1/19/2003	2678.813	5207.7	0.54	29.16	4.73	2683.988	5244.029	0.36
1/20/2003	2423.121	4903.383	0.42	28.82	5.57	2599.575	4911.825	0.57
1/21/2003	2999.42	5233.16	0.53	30.48	5.05	3027.454	5027.017	0.57
1/22/2003	0	0	0.00	0.00	0.00	3835.025	5847.7	0.44
1/23/2003	0	0	0.53	30.48	5.05	3942.038	5960.279	0.40
1/24/2003	2615.65	4275.996	0.42	31.76	4.95	3280.125	5774.192	0.37
1/25/2003	2404.492	5665.725	0.30	29.26	4.89	2347.95	5700.404	0.33
1/26/2003	2663.004	5625.488	0.36	31.22	4.44	2543.592	5372.867	0.36
1/27/2003	2500.879	5794.233	0.34	28.72	5.04	2623.571	5763.667	0.41
1/28/2003	3400.613	5394.317	0.37	29.39	4.61	3449.063	5383.738	0.45
1/29/2003	3630.242	5011.571	0.62	33.39	4.88	3603.896	4954.513	0.45
1/30/2003	3032.038	5587.688	0.35	30.89	4.85	3332.221	5807.183	0.45
1/31/2003	3356.354	5237.596	0.49	31.11	4.65	3445.483	5121.221	0.47
2/1/2003	2759.463	5546.392	0.41	29.99	4.78	2710.304	5495.958	0.38
2/2/2003	2406.692	4779.892	0.41	29.99	4.78	2225.996	4604.108	0.33
2/3/2003	2594.821	5171.671	0.57	28.69	5.87	2559.671	5219.158	0.33
2/4/2003	4010.063	5639.867	0.51	29.54	5.26	3986.558	5688.95	0.49
2/5/2003	2910.517	5657.438	0.45	31.60	5.08	3009.817	5718.383	0.55
2/6/2003	3101.163	5654.458	0.43	30.25	4.95	3019.829	5670.992	0.45
2/7/2003	2945.004	5457.183	0.48	31.30	4.55	2891.283	5399.717	0.45
2/8/2003	3597.642	5724.871	0.53	30.70	4.65	3685.767	5719.042	0.50
2/9/2003	2783.071	5254.908	0.44	29.35	4.92	2787.375	5462.8	0.41
2/10/2003	2862.679	5257.063	0.49	30.38	4.88	3098.617	5425.188	0.50
2/11/2003	3044.263	4967.033	0.49	30.38	4.88	3099.375	4966.621	0.49
2/12/2003	2899.908	5404.6	0.49	30.38	4.88	2870.154	5322.042	0.44
2/13/2003	2534.804	5504.121	0.40	29.30	4.88	2392.913	5445.571	0.37

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPSCO midnight samples	Unit 1: moisture % by weight, from SWEPSCO midnight samples	Unit 1: ash % by weight (wet), from SWEPSCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPSCO midnight samples
2/14/2003	2601.163	4898.863	0.37	29.68	4.54	2481.938	4722.142	0.43
2/15/2003	3562.038	5033.663	0.36	28.63	4.88	3490.954	4980.758	0.37
2/16/2003	3013.821	5680.567	0.35	28.09	4.99	2790.121	5596.296	0.35
2/17/2003	2851.258	5889.242	0.36	27.57	4.83	2735.713	5805.075	0.40
2/18/2003	2873.829	5709.808	0.36	30.06	5.21	2798.671	5741.113	0.35
2/19/2003	3659.167	5489.513	0.60	31.16	4.96	3513.871	5431.575	0.45
2/20/2003	3191.525	5674.842	0.56	32.36	4.71	2890.646	5666.771	0.41
2/21/2003	3026.338	5214.308	0.38	31.75	4.43	2898.838	5302.3	0.41
2/22/2003	2719.021	5488.125	0.39	29.08	4.65	2650.388	5510.471	0.41
2/23/2003	3254.442	5696.088	0.40	32.44	4.54	3219.233	5768.342	0.41
2/24/2003	2738.758	5698.404	0.42	31.37	4.74	2682.542	5820.038	0.38
2/25/2003	3015.271	5349.221	0.39	34.04	4.32	2911.696	5570.129	0.43
2/26/2003	2981.788	5521.75	0.39	34.04	4.32	2781.675	5849.433	0.43
2/27/2003	3282.408	5297.342	0.39	34.04	4.32	3304.954	5656.258	0.43
2/28/2003	2836.65	5261.896	0.39	34.04	4.32	3607.233	5736.292	0.43
3/1/2003	3640.083	5562.392	0.47	29.64	4.84	3367.217	5273.342	0.47
3/2/2003	3364.329	5513.817	0.40	29.53	4.63	3221.004	5680	0.48
3/3/2003	3786.342	5478.15	0.50	29.48	4.81	3712.288	5845.779	0.48
3/4/2003	3072.288	5466.875	0.42	31.00	4.50	3046.833	5559.263	0.48
3/5/2003	3895.679	5749.621	0.42	31.00	4.50	3833.467	5799.888	0.50
3/6/2003	3875.796	5451.417	0.48	28.79	5.06	3844.158	5644.192	0.45
3/7/2003	2569.113	5418.896	0.48	28.79	5.06	2459.742	5310.9	0.29
3/8/2003	2846.654	4576	0.48	28.79	5.06	2516.996	4589.663	0.39
3/9/2003	2973.154	4964.804	0.48	28.79	5.06	3062.475	5029.146	0.56
3/10/2003	3770.704	5653.829	0.47	29.74	4.66	3802.367	5400.638	0.45
3/11/2003	3183.242	5316.246	0.49	32.02	4.36	2785.925	5166.858	0.46
3/12/2003	3412.129	5294.042	0.45	30.95	4.52	3458.796	5145.454	0.54
3/13/2003	3067.529	4956.579	0.43	30.80	4.67	3202.325	5077.613	0.50
3/14/2003	2376.958	5143.288	0.38	30.79	4.51	2286.733	5277.7	0.33
3/15/2003	2482.55	5481.55	0.47	30.28	4.65	2270.113	5291.238	0.32
3/16/2003	2994.492	5499.846	0.49	30.88	4.66	2910.879	5399.492	0.44
3/17/2003	3542.625	5546.946	0.49	32.00	4.41	3395.417	5517.292	0.45
3/18/2003	3318.321	5700.838	0.45	31.17	4.54	3308.158	5678.667	0.47
3/19/2003	3928.738	5718.783	0.56	32.15	4.53	3871.992	5678.325	0.49
3/20/2003	3070.238	5833.871	0.44	31.24	4.73	3102.575	5835.542	0.40
3/21/2003	2576.163	5075.379	0.40	30.66	4.66	2725.333	5351.496	0.38
3/22/2003	3064.458	6007.504	0.41	29.84	4.91	3035.408	5933.45	0.39
3/23/2003	3319.213	5685.533	0.40	29.96	4.89	3189.163	5551.204	0.41
3/24/2003	3461.629	5939.442	0.43	30.76	4.80	3316.304	5818.683	0.45
3/25/2003	3238.483	5798.388	0.43	29.83	4.81	3137.638	5789	0.41
3/26/2003	3753.4	5829.883	0.45	31.37	4.54	3668.379	5724.571	0.45
3/27/2003	3449.338	5778.925	0.37	30.50	4.48	3004.367	5776.338	0.45
3/28/2003	3290.971	5195.388	0.52	34.45	4.38	2776.217	5133.271	0.45
3/29/2003	2107.721	5672.5	0.37	30.50	4.48	0	0	0.00

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPCO midnight samples	Unit 1: moisture % by weight, from SWEPCO midnight samples	Unit 1: ash % by weight (wet), from SWEPCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPCO midnight samples
3/30/2003	2976.625	5822.533	0.37	30.50	4.48	0	0	0.00
3/31/2003	3226.029	5886.467	0.41	31.58	4.36	0	0	0.00
4/1/2003	2956.983	5419.188	0.35	28.34	4.37	0	0	0.00
4/2/2003	3962.713	5718.729	0.51	31.96	5.08	0	0	0.00
4/3/2003	4130.104	5521.467	0.56	31.67	4.80	0	0	0.00
4/4/2003	3158.758	5655.188	0.44	31.49	4.76	0	0	0.00
4/5/2003	2252.458	5561.696	0.47	30.49	4.56	0	0	0.00
4/6/2003	3869.054	5733.683	0.55	34.31	4.58	0	0	0.00
4/7/2003	3229.596	5687.175	0.45	30.58	4.66	0	0	0.00
4/8/2003	3222.846	5869.033	0.45	30.58	4.66	0	0	0.00
4/9/2003	3136.646	5899.692	0.45	30.58	4.66	0	0	0.00
4/10/2003	3020.054	5853.725	0.41	29.94	4.60	0	0	0.00
4/11/2003	4044.942	5576.321	0.63	31.89	4.99	0	0	0.00
4/12/2003	3155.013	5335.763	0.57	32.95	4.60	0	0	0.00
4/13/2003	3773.117	5194.942	0.62	31.08	4.85	0	0	0.00
4/14/2003	3239.958	5626.054	0.51	30.82	4.50	0	0	0.00
4/15/2003	3677.096	5674.608	0.51	31.16	5.40	0	0	0.00
4/16/2003	2793.758	5607.05	0.40	29.88	5.51	0	0	0.00
4/17/2003	3328.779	5559.183	0.43	30.53	5.01	0	0	0.00
4/18/2003	3046.646	5367.413	0.40	30.53	5.22	0	0	0.00
4/19/2003	3109.646	5169.517	0.40	30.45	4.69	0	0	0.00
4/20/2003	2208.758	4923.833	0.40	31.97	4.46	0	0	0.00
4/21/2003	3600.367	5757.304	0.38	30.90	4.49	0	0	0.00
4/22/2003	3484.3	5579.179	0.38	30.90	4.49	0	0	0.00
4/23/2003	3256.013	5582.867	0.38	30.90	4.49	0	0	0.00
4/24/2003	3126.396	5750.825	0.43	30.62	4.90	11.28889	233.7556	0.00
4/25/2003	2200.604	4067.346	0.44	30.32	4.85	606.8875	1055.267	0.58
4/26/2003	0	0	0.44	30.32	4.85	3243.033	4556.096	0.57
4/27/2003	0	0	0.00	0.00	0.00	2934.4	5567.283	0.64
4/28/2003	0	0	0.00	0.00	0.00	2300.658	5440.367	0.35
4/29/2003	0	0	0.00	0.00	0.00	2651.783	5467.767	0.38
4/30/2003	0	0	0.00	0.00	0.00	3691.767	5619.088	0.34
5/1/2003	0	0	0.00	0.00	0.00	2525.263	5420.008	0.43
5/2/2003	0	0	0.00	0.00	0.00	3305.863	5381.817	0.43
5/3/2003	0	0	0.00	0.00	0.00	3781.129	5539.171	0.44
5/4/2003	0	0	0.00	0.00	0.00	2684.333	5434.338	0.44
5/5/2003	35.13333	144.0917	0.43	31.00	4.80	2606.858	5700.467	0.29
5/6/2003	5.983333	47.70833	0.43	31.00	4.80	2355.854	5507.279	0.28
5/7/2003	447.565	1012.715	0.43	31.00	4.80	3612.896	5571.321	0.29
5/8/2003	1876.65	3266.133	0.38	31.73	4.58	3536.496	5653.725	0.47
5/9/2003	2876.446	5057.817	0.38	31.19	4.77	3410.892	5469.679	0.42
5/10/2003	0	0	0.38	31.19	4.77	3867.113	5859.471	0.43
5/11/2003	1534.6	3153.804	0.39	32.75	4.57	2947.813	4855.096	0.43
5/12/2003	2072	5255.754	0.39	32.75	4.57	2196.329	5315.983	0.43

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPCO midnight samples	Unit 1: moisture % by weight, from SWEPCO midnight samples	Unit 1: ash % by weight (wet), from SWEPCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPCO midnight samples
5/13/2003	3184.017	4989.908	0.39	32.75	4.57	3569.346	5128.967	0.43
5/14/2003	3635.963	5340.833	0.39	32.75	4.57	3783.05	5428.429	0.51
5/15/2003	3332.154	5609.467	0.47	31.90	4.49	3288.113	5580.096	0.40
5/16/2003	3052.917	5235.279	0.39	30.13	4.96	3114.763	5264.654	0.48
5/17/2003	3108.746	5369.2	0.45	30.56	4.45	3182.275	5213.092	0.43
5/18/2003	3439.85	5106.225	0.54	29.53	4.78	3574.725	5022.667	0.44
5/19/2003	2522.5	5420.196	0.37	27.38	4.75	2625.85	5329.896	0.38
5/20/2003	2984.017	5656.996	0.40	29.64	4.64	2605.192	5206.671	0.38
5/21/2003	3492.425	5575.588	0.43	32.23	4.71	3591.317	5348.604	0.51
5/22/2003	3377.838	5524.688	0.43	30.46	4.88	3346.592	5296.863	0.42
5/23/2003	2981.046	5438.671	0.36	26.81	4.38	3061.879	5268.058	0.40
5/24/2003	3193.592	5415.225	0.46	28.27	4.65	3171.571	5110.117	0.45
5/25/2003	3351.742	5359.133	0.48	29.72	4.60	3630.942	5343.942	0.43
5/26/2003	2863.513	5413.321	0.36	28.08	4.37	3167.142	5222.95	0.41
5/27/2003	3224.5	5734.15	0.49	30.73	4.72	3017.05	5564.838	0.41
5/28/2003	3905.854	5717.813	0.49	30.84	4.72	3631.967	5568.5	0.41
5/29/2003	3671.317	5695.617	0.43	31.00	4.93	3497.958	5565.988	0.50
5/30/2003	2783.35	5208.313	0.35	29.27	4.56	3071.867	5348.8	0.52
5/31/2003	0	0	0.35	29.27	4.56	3248.471	5300.758	0.48
6/1/2003	2238.488	3781.875	0.38	28.69	4.69	2736.125	5173.717	0.54
6/2/2003	2263.217	5556.921	0.31	29.14	4.48	2202.004	5484.05	0.37
6/3/2003	2698.375	5415.488	0.33	29.65	4.59	2539.317	5327.071	0.31
6/4/2003	3797.571	5516.888	0.33	29.65	4.59	3337.338	4881.692	0.49
6/5/2003	3350.746	4943.033	0.39	30.74	4.61	3437.483	4731.129	0.39
6/6/2003	2917.846	5364.671	0.30	30.82	4.92	2848.771	5114.788	0.36
6/7/2003	3240.992	5432.683	0.30	30.82	4.92	3191.196	5200.383	0.43
6/8/2003	3110.446	5181.658	0.30	30.82	4.92	3150.029	4936.263	0.38
6/9/2003	2665.388	5643.121	0.32	30.48	4.61	3071.017	5391.417	0.34
6/10/2003	3166.733	5530.7	0.46	31.13	5.53	3056.017	5508.783	0.44
6/11/2003	2841.592	5026.858	0.44	30.07	5.70	3002.117	5383.908	0.39
6/12/2003	3251.213	4639.9	0.50	30.10	4.70	3417.233	4910.408	0.48
6/13/2003	3396.642	5275.033	0.50	32.09	4.44	3397.633	5275.575	0.52
6/14/2003	2604.971	5207.296	0.37	32.27	4.13	2647.167	5746.192	0.30
6/15/2003	2820.2	5356.646	0.40	30.29	4.23	2938.342	5483.95	0.41
6/16/2003	2372.517	5301.633	0.40	30.29	4.23	2506.758	5323.392	0.50
6/17/2003	2626.058	5389.925	0.40	30.29	4.23	2684.525	5532.392	0.41
6/18/2003	2649.542	5234.504	0.39	28.56	4.68	2692.05	5352.413	0.34
6/19/2003	2999.804	5577.917	0.36	27.76	4.70	3242.179	5576.863	0.47
6/20/2003	3025.508	5503.896	0.39	28.95	5.10	3129.808	5550.279	0.41
6/21/2003	3073.338	5358.204	0.45	28.75	4.39	3107.563	5400.704	0.46
6/22/2003	2521.275	5242.638	0.39	28.36	4.40	2552.775	5245.821	0.41
6/23/2003	3169.304	5565.946	0.46	32.75	4.37	3493.958	5575.975	0.56
6/24/2003	2869.7	5734.475	0.43	30.59	6.05	3109.567	5750.179	0.51
6/25/2003	3310.917	5787.596	0.37	30.18	4.31	3182.333	5815.788	0.47

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPCO midnight samples	Unit 1: moisture % by weight, from SWEPCO midnight samples	Unit 1: ash % by weight (wet), from SWEPCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPCO midnight samples
6/26/2003	3130.696	5425.979	0.36	30.51	4.21	3290.4	5567.263	0.48
6/27/2003	2690.25	5158.133	0.41	29.64	4.56	2765.396	5142.5	0.45
6/28/2003	3190.883	5334.833	0.46	30.53	4.54	3355.063	5316.367	0.49
6/29/2003	2752.938	5300.042	0.32	29.06	4.82	2625.608	5371.625	0.36
6/30/2003	3746.479	5255.208	0.32	29.06	4.82	3506.15	5311.729	0.47
7/1/2003	3803.963	5563.092	0.39	30.08	4.68	3708.242	5592.329	0.41
7/2/2003	2541.571	4096.976	0.39	30.08	4.68	3697.896	5630.008	0.51
7/3/2003	3789.454	5459.858	0.56	31.62	5.27	4064.163	5470.996	0.54
7/4/2003	2890.975	5677.467	0.43	29.64	5.27	2945.121	5676.408	0.58
7/5/2003	2923.829	5539.675	0.44	30.09	5.36	2927.775	5619.654	0.54
7/6/2003	2490.979	5483.521	0.44	30.09	5.36	2394.229	5397.896	0.57
7/7/2003	3506.013	5779.433	0.38	28.65	4.69	3394.813	5781.583	0.39
7/8/2003	3725.371	5684.638	0.48	29.51	4.91	3933.179	5752.358	0.47
7/9/2003	3575.313	5534.171	0.47	30.33	4.64	3752.658	5531.992	0.51
7/10/2003	2960.817	5445.85	0.47	30.33	4.64	2932.204	5441.488	0.36
7/11/2003	3627.5	5854.963	0.54	32.90	5.02	3752.083	5872.55	0.51
7/12/2003	4140.917	5629.004	0.49	30.56	4.64	3871.921	5698.417	0.51
7/13/2003	2839.633	5565.679	0.39	27.90	4.55	2922.938	5787.229	0.33
7/14/2003	2634.817	5585.75	0.32	28.61	4.28	2513.646	5601.825	0.30
7/15/2003	2935.183	5616.958	0.45	28.60	4.51	3304.467	5617.858	0.32
7/16/2003	3062.775	5766.571	0.42	30.89	4.70	3289.654	5833.225	0.30
7/17/2003	3677.067	5651.167	0.48	29.15	4.75	3850.4	5826.696	0.49
7/18/2003	2857.638	5794.696	0.41	29.07	4.91	3213.879	5851.883	0.36
7/19/2003	4138.425	5954.592	0.53	30.64	4.69	4254.058	5913.896	0.49
7/20/2003	4156.754	5628.092	0.56	30.36	5.07	4325.388	5599.054	0.53
7/21/2003	2869.833	4405.233	0.57	31.05	4.52	4393.304	5922.467	0.61
7/22/2003	267.9857	592.1714	0.57	31.12	5.32	3540.867	5905.425	0.43
7/23/2003	2837.958	4666.021	0.53	30.69	4.82	2918.308	5553.371	0.43
7/24/2003	3307.296	5544.746	0.39	30.08	4.68	3575.871	5483.238	0.43
7/25/2003	3030.788	5629.117	0.39	30.08	4.68	3064.429	5689.158	0.43
7/26/2003	3527.858	5684.533	0.39	30.08	4.68	3847.663	5633.092	0.43
7/27/2003	4306.779	5652.575	0.39	30.08	4.68	4615.708	5634.967	0.43
7/28/2003	3689.304	5948.871	0.41	29.02	4.67	3597.783	5887.479	0.34
7/29/2003	3487.35	5786.342	0.42	31.37	4.41	3847.167	5754.725	0.63
7/30/2003	3281.608	5743.821	0.38	28.58	4.51	3568.621	5706.217	0.42
7/31/2003	3637.433	5697.038	0.47	30.12	4.65	3540.817	5642.729	0.47
8/1/2003	2834.958	5745.925	0.38	28.63	4.94	2769.167	5719.513	0.36
8/2/2003	3232.05	5886.513	0.45	30.92	4.54	3407.208	5664.246	0.40
8/3/2003	3806.654	5584.483	0.54	31.10	4.62	3940.975	5568.554	0.41
8/4/2003	3814.988	5643.254	0.53	31.54	4.90	4092.821	5646.758	0.57
8/5/2003	4143.871	5939.454	0.57	30.33	5.21	4315.508	5888.904	0.56
8/6/2003	3421.629	5946.671	0.44	31.20	4.97	3497.567	5742.608	0.40
8/7/2003	3498.308	5911.438	0.54	31.79	4.76	3778.679	5919.108	0.57
8/8/2003	3396.438	5910.546	0.54	32.00	4.65	3613.046	5849.4	0.56

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPCO midnight samples	Unit 1: moisture % by weight, from SWEPCO midnight samples	Unit 1: ash % by weight (wet), from SWEPCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPCO midnight samples
8/9/2003	3046.75	5879.308	0.54	32.06	4.69	3040.488	5738.8	0.56
8/10/2003	1778.133	4008.792	0.54	32.06	4.69	2699.088	5537.346	0.33
8/11/2003	0	0	0.00	0.00	0.00	3751.75	5602.796	0.47
8/12/2003	1755.717	3170.765	0.39	30.53	4.48	4149.692	5652.738	0.63
8/13/2003	0	0	0.00	0.00	0.00	4234.538	5523.358	0.56
8/14/2003	2850.371	4106.621	0.40	29.27	4.27	4306.138	5488.288	0.55
8/15/2003	3652.613	5693.667	0.33	26.61	4.08	3842.196	5498.775	0.44
8/16/2003	2668.496	5538.092	0.30	27.42	5.10	2928.308	5667.525	0.44
8/17/2003	3235.971	5648.083	0.41	28.64	4.70	3207.092	5414.2	0.44
8/18/2003	3697.638	5887.996	0.66	30.43	5.09	4174.033	5809.496	0.51
8/19/2003	3865.671	5887.517	0.44	31.75	4.75	3845.942	5859.367	0.52
8/20/2003	3389.713	5864.729	0.42	30.88	4.50	3496.029	5800.525	0.55
8/21/2003	3698.258	5855.108	0.47	31.79	4.54	3921.013	5868.846	0.55
8/22/2003	3430.391	5423.596	0.51	30.88	4.66	3686.958	5749.638	0.56
8/23/2003	0	0	0.00	0.00	0.00	3272.708	5483.492	0.61
8/24/2003	0	0	0.00	0.00	0.00	2840.408	5442.938	0.24
8/25/2003	0	0	0.00	0.00	0.00	4282.154	5876.988	0.24
8/26/2003	0	0	0.00	0.00	0.00	3322.708	5884.95	0.24
8/27/2003	3518.238	5273.169	0.51	30.88	4.66	2808.842	5772.104	0.24
8/28/2003	3094.858	5985.188	0.55	32.81	4.47	2830.95	5879.313	0.41
8/29/2003	3419.642	5893.313	0.46	30.85	5.04	3439.342	5868.021	0.36
8/30/2003	2729.2	5812.363	0.49	32.27	5.11	2390.263	4733.863	0.36
8/31/2003	2656.533	5878.633	0.48	31.67	5.10	0	0	0.00
9/1/2003	3978.442	5894.9	0.54	31.72	4.92	67.66667	351.1167	0.36
9/2/2003	3940.517	5958.983	0.56	35.50	4.77	2022.283	3972.075	0.41
9/3/2003	3384.829	5840.463	0.46	32.41	4.53	3202.267	5607.358	0.55
9/4/2003	3629.292	5800.696	0.43	32.88	4.71	3512.1	5644.175	0.38
9/5/2003	2998.575	5519.746	0.46	31.94	4.78	2769.85	5286.971	0.41
9/6/2003	2555.329	5530.942	0.38	28.92	5.14	2421.225	5302.625	0.37
9/7/2003	2434.542	5418.913	0.37	29.93	5.07	2473.867	5237.617	0.37
9/8/2003	3037.858	5421.925	0.37	29.93	5.07	3133.808	5293.2	0.43
9/9/2003	3307.771	5386.021	0.37	29.93	5.07	3434.188	5295.092	0.34
9/10/2003	2742.779	5847.171	0.37	29.93	5.07	2871.421	5729.729	0.34
9/11/2003	3385.4	5867.542	0.45	29.49	4.96	3353.5	5715.817	0.41
9/12/2003	2639.175	5174.633	0.33	27.23	4.46	2523.154	5038.113	0.38
9/13/2003	3151.358	5788.592	0.37	30.65	4.31	2881.992	5393.058	0.30
9/14/2003	3312.925	5458.55	0.37	30.64	4.86	3552.275	5240.817	0.26
9/15/2003	3388.979	5582.079	0.51	32.83	4.62	3593.179	5474.65	0.51
9/16/2003	2830.729	5418.9	0.44	31.52	4.67	2887	5341.575	0.49
9/17/2003	3452.154	5614.613	0.44	31.52	4.67	2961.192	5602.454	0.47
9/18/2003	2870.14	4596.68	0.44	31.52	4.67	3293.725	5660.633	0.47
9/19/2003	1462.49	2545.2	0.52	30.74	4.92	2056.625	5009.346	0.47
9/20/2003	3202.713	5358.942	0.52	30.74	4.92	3236.471	5233.842	0.47
9/21/2003	2740.233	5139.346	0.52	30.74	4.92	2859.654	5020.325	0.47

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPCO midnight samples	Unit 1: moisture % by weight, from SWEPCO midnight samples	Unit 1: ash % by weight (wet), from SWEPCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPCO midnight samples
9/22/2003	3189.613	5665.317	0.44	29.37	4.80	3181.813	5595.829	0.43
9/23/2003	3190.733	5567.858	0.44	29.26	4.67	3114.163	5439.113	0.40
9/24/2003	2336.542	5631.925	0.33	29.73	4.52	2279.325	5553.613	0.43
9/25/2003	2696.892	5440.713	0.38	29.40	5.05	2607.229	5360.617	0.39
9/26/2003	2995.842	5520.767	0.41	29.91	4.82	2992.021	5413.758	0.40
9/27/2003	2944.488	5327.708	0.42	31.23	4.42	2897.875	5232.129	0.42
9/28/2003	2168.429	4818.871	0.39	30.51	4.39	2191.967	4961.683	0.42
9/29/2003	2640.813	5128.721	0.39	30.51	4.39	2569.438	5089.183	0.37
9/30/2003	2923.188	5217.658	0.39	30.51	4.39	3035.95	5307.646	0.37
10/1/2003	2746.767	5090.942	0.43	30.72	4.75	2683.579	5012.871	0.38
10/2/2003	2371.767	5144.808	0.43	30.72	4.75	2152.671	4595.229	0.38
10/3/2003	2609.888	5527.192	0.43	30.72	4.75	2447.204	5235.163	0.40
10/4/2003	2909.6	5738.983	0.43	30.72	4.75	2763.871	5358.325	0.43
10/5/2003	2425.025	5362.713	0.43	30.72	4.75	2368.358	5115.396	0.37
10/6/2003	2305.975	5675.429	0.46	35.15	4.72	2155.229	5253.2	0.37
10/7/2003	2899.179	5936.046	0.37	30.02	4.69	0	0	0.00
10/8/2003	3261.238	5931.788	0.37	30.02	4.69	0	0	0.00
10/9/2003	3530.846	5923.742	0.49	28.54	5.44	0	0	0.00
10/10/2003	3124.279	5976.271	0.40	30.39	5.31	0	0	0.00
10/11/2003	4009.283	5952.163	0.48	31.17	4.88	0	0	0.00
10/12/2003	4001.058	5963.642	0.50	30.57	4.94	0	0	0.00
10/13/2003	3022.008	5923.3	0.49	31.31	5.05	0	0	0.00
10/14/2003	3406.05	5939.875	0.47	28.31	5.20	0	0	0.00
10/15/2003	3578.242	5535.013	0.47	30.21	5.21	36.83333	301.3167	0.00
10/16/2003	3296.363	5772.163	0.44	29.74	4.65	339.7	1028.813	0.32
10/17/2003	2510.354	5415.779	0.43	30.21	4.68	1990.758	5022.975	0.31
10/18/2003	2532.146	4803.342	0.41	29.78	4.81	2304.25	4791.517	0.31
10/19/2003	3129.554	5157	0.43	29.83	4.37	2950.871	4906.663	0.32
10/20/2003	2848.708	5520.617	0.46	30.31	4.58	2978.279	5261.225	0.40
10/21/2003	3002.867	5482.421	0.41	26.37	4.47	2979.771	5228.492	0.44
10/22/2003	3224.188	5560.263	0.36	28.21	4.79	3115.808	5314.696	0.44
10/23/2003	3033.254	5644.904	0.36	28.21	4.79	2939.783	5367.192	0.44
10/24/2003	3554.513	5779.138	0.36	28.21	4.79	3144.733	5564.613	0.44
10/25/2003	3344.95	5632.675	0.36	28.21	4.79	3175.85	5343.958	0.46
10/26/2003	3969.721	5827.608	0.36	28.21	4.79	3854.358	5536.933	0.50
10/27/2003	2590.046	5861.5	0.43	29.55	4.61	2546.792	5576.896	0.40
10/28/2003	3031.25	5793.367	0.42	26.63	5.20	2849.858	5531.046	0.37
10/29/2003	2778.704	5552.079	0.34	29.15	4.88	2743.038	5315.167	0.41
10/30/2003	3294.054	5640.408	0.47	30.06	4.92	3116.488	5527.025	0.44
10/31/2003	3051.913	5742.15	0.45	30.81	4.85	3553.054	5533.996	0.51
11/1/2003	1758.5	2617.1	0.43	29.76	4.84	2611.733	5249.771	0.38
11/2/2003	0	0	0.00	0.00	0.00	3255.088	5096.421	0.49
11/3/2003	0	0	0.00	0.00	0.00	3355.838	5318.204	0.46
11/4/2003	0	0	0.00	0.00	0.00	2301.929	5250.542	0.40

Date	Unit 1: Daily average SO2 emissions (lbs/hr) from EPA	Unit 1: Daily average heat rate (MMBTU/ hr) from EPA	Unit 1: Fuel %S (dry) from SWEPCO midnight samples	Unit 1: moisture % by weight, from SWEPCO midnight samples	Unit 1: ash % by weight (wet), from SWEPCO midnight samples	Unit 2: Daily average SO2 emissions (lbs/hr) from EPA	Unit 2: Daily average heat rate (MMBTU/ hr) from EPA	Unit 2: Fuel %S (dry) from SWEPCO midnight samples
11/5/2003	0	0	0.00	0.00	0.00	2384.308	5236.113	0.30
11/6/2003	0	0	0.00	0.00	0.00	3607	5449.813	0.40
11/7/2003	0	0	0.00	0.00	0.00	2425.904	5246.471	0.35
11/8/2003	0	0	0.00	0.00	0.00	3655.925	5259.954	0.36
11/9/2003	0	0	0.00	0.00	0.00	3009.521	4742.9	0.37
11/10/2003	0	0	0.00	0.00	0.00	2857.708	4581.438	0.47
11/11/2003	0	0	0.00	0.00	0.00	2742.763	4788.892	0.44
11/12/2003	0	0	0.00	0.00	0.00	2411.558	5051.1	0.44
11/13/2003	0	0	0.00	0.00	0.00	2983.246	5148.971	0.50
11/14/2003	0	0	0.00	0.00	0.00	3716.783	5452.258	0.50
11/15/2003	0	0	0.00	0.00	0.00	3114.229	4804.825	0.47
11/16/2003	0	0	0.00	0.00	0.00	2501.354	4582.679	0.38
11/17/2003	0	0	0.00	0.00	0.00	2620.404	4837.796	0.38
11/18/2003	0	0	0.00	0.00	0.00	2690.117	4946.267	0.38
11/19/2003	0	0	0.00	0.00	0.00	3819.021	5208.738	0.38
11/20/2003	0	0	0.00	0.00	0.00	2534.417	5238.117	0.38
11/21/2003	0	0	0.00	0.00	0.00	2660.663	5155.379	0.42
11/22/2003	0	0	0.00	0.00	0.00	3242.004	4945.058	0.39
11/23/2003	0	0	0.00	0.00	0.00	3164.508	4567.433	0.41
11/24/2003	0	0	0.00	0.00	0.00	3718.083	5505.892	0.50
11/25/2003	926.06	804.76	0.00	0.00	0.00	3481.925	5561.746	0.46
11/26/2003	0	0	0.43	29.76	4.84	2869.3	5395.513	0.47
11/27/2003	1274.779	2605.404	0.43	29.76	4.84	1813.008	4373.725	0.37
11/28/2003	2153.4	4960.875	0.43	29.76	4.84	1766.9	4151.108	0.30
11/29/2003	2806.213	5510.125	0.43	29.76	4.84	2592.508	5130.713	0.34
11/30/2003	2042.892	4651.825	0.33	25.00	4.74	2020.579	4676.796	0.29
12/1/2003	2100.758	4965.421	0.29	26.85	4.39	2010.771	4863.742	0.30
12/2/2003	2525.475	5060.213	0.30	29.53	4.47	2407.583	5151.146	0.34
12/3/2003	2404.2	5049.258	0.32	31.09	4.59	2456.704	5133.05	0.31
12/4/2003	2238.329	4756.729	0.32	31.09	4.59	2043.488	4722.346	0.33
12/5/2003	0	0	0.00	0.00	0.00	1542.063	3694.063	0.32
12/6/2003	0	0	0.00	0.00	0.00	1566.55	3753.321	0.35
12/7/2003	0	0	0.00	0.00	0.00	2040.125	3905.879	0.43
12/8/2003	0	0	0.00	0.00	0.00	1775.5	3651.117	0.33
12/9/2003	0	0	0.00	0.00	0.00	1724.133	3836.329	0.35
12/10/2003	0	0	0.00	0.00	0.00	1753.071	3935.792	0.33
12/11/2003	0	0	0.00	0.00	0.00	1799.125	3797.575	0.40
12/12/2003	0	0	0.00	0.00	0.00	1741.042	3884.917	0.40
12/13/2003	0	0	0.00	0.00	0.00	2050.913	3939.358	0.40
12/14/2003	0	0	0.00	0.00	0.00	2346.567	3968.713	0.40
12/15/2003	0	0	0.00	0.00	0.00	2044.729	3952.15	0.39
12/16/2003	243.6292	665.9417	0.39	30.82	4.63	1680.108	3968.6	0.37
12/17/2003	2272.804	4921.346	0.36	27.86	5.07	2074.608	3984.125	0.38
12/18/2003	2162.829	5341.858	0.29	23.71	4.70	1907.679	3973.413	0.29

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12/19/2003	2036.683	5440.096	0.27	28.50	4.64	1366.757	3747.861	0.40
12/20/2003	1759.388	4141.454	0.27	28.50	4.64	0	0	0.00
12/21/2003	1597.304	3143.667	0.27	28.50	4.64	0	0	0.00
12/22/2003	2308.825	4863.458	0.30	29.92	4.70	0	0	0.00
12/23/2003	1973.538	4740.85	0.25	26.65	5.13	0	11.47917	0.00
12/24/2003	2691.608	4305.688	0.25	28.37	5.05	0	0	0.00
12/25/2003	2729.142	5005.567	0.44	24.86	5.07	0	0	0.00
12/26/2003	2477.988	4748.329	0.40	28.31	4.68	0	0	0.00
12/27/2003	1822.425	4551.075	0.42	28.50	4.63	0	0	0.00
12/28/2003	2151.746	4802.217	0.42	28.50	4.63	0	0	0.00
12/29/2003	2745.771	5203.029	0.38	31.53	5.00	0	0	0.00
12/30/2003	2709.075	5442.342	0.36	30.72	5.16	234.2125	769.3375	0.40
12/31/2003	2318.988	4720.913	0.36	30.72	5.16	1893.608	4472.821	0.40

Date	Unit 2: moisture % by weight, from SWEPCO midnight samples	Unit 2: ash % by weight (wet), from SWEPCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPCO midnight samples	Unit 3: moisture % by weight, from SWEPCO midnight samples	Unit 3: ash % by weight (wet), from SWEPCO midnight samples
1/1/2003	32.09	4.74	3242.488	5222.388	0.46	30.51	5.14
1/2/2003	29.47	4.64	3550.446	5743.421	0.42	30.99	4.60
1/3/2003	27.58	4.85	2641.75	5862.925	0.35	29.56	4.83
1/4/2003	31.66	4.18	2977.804	5255.375	0.48	30.81	4.49
1/5/2003	29.67	4.79	3235.142	4814.958	0.59	30.24	4.87
1/6/2003	30.04	4.88	2819.921	5563.888	0.44	32.07	4.34
1/7/2003	32.31	4.31	3493.467	5771.679	0.33	30.06	4.55
1/8/2003	32.21	4.26	3495.7	5421.117	0.29	28.03	4.60
1/9/2003	31.33	4.52	2944.179	5551.758	0.39	30.57	4.73
1/10/2003	27.39	4.86	2441.788	6016.092	0.32	28.68	5.21
1/11/2003	30.85	4.89	3825.963	6287.979	0.47	30.31	4.57
1/12/2003	27.83	5.04	2691.071	6044.546	0.32	28.68	5.21
1/13/2003	30.34	4.40	3221.942	6301.104	0.47	30.31	4.57
1/14/2003	30.34	4.40	3471.854	6296.163	0.47	29.71	4.89
1/15/2003	31.81	4.29	3539.167	5285.604	0.47	29.71	4.89
1/16/2003	23.66	4.89	0	0	0.47	29.71	4.89
1/17/2003	29.04	4.86	2099.708	3221.313	0.49	31.18	4.53
1/18/2003	30.66	4.55	2876.246	5888.754	0.41	14.81	6.65
1/19/2003	25.70	5.78	2777.558	5314.483	0.47	16.68	6.62
1/20/2003	32.75	5.33	2624.729	5228.925	0.47	29.78	4.99
1/21/2003	31.11	4.90	3316.496	5463.375	0.44	30.10	4.80
1/22/2003	28.93	5.29	4241.017	6397.663	0.36	30.43	5.38
1/23/2003	30.82	4.90	4294.858	6461.142	0.36	30.43	5.38
1/24/2003	29.40	4.68	3394.413	5993.608	0.36	30.43	5.38
1/25/2003	30.22	5.15	2599.746	6170.75	0.36	30.43	5.38
1/26/2003	30.40	4.78	2730.958	5762.021	0.36	30.43	5.38
1/27/2003	31.21	4.51	2687.233	6092.283	0.36	30.43	5.38
1/28/2003	30.96	4.50	3556.513	5610.683	0.36	30.43	5.38
1/29/2003	30.96	4.50	3702.238	5150.758	0.48	28.92	5.19
1/30/2003	30.56	4.77	3323.433	5854.754	0.34	30.22	4.98
1/31/2003	30.38	4.64	3303.888	5230.2	0.40	27.33	4.89
2/1/2003	31.20	4.67	2915.621	5891.75	0.41	29.06	5.07
2/2/2003	30.17	4.20	2301.129	4893.063	0.41	29.06	5.07
2/3/2003	29.36	4.58	2716.292	5437.067	0.34	28.81	4.38
2/4/2003	30.51	4.67	4023.667	5659.029	0.49	33.05	5.42
2/5/2003	33.20	4.77	3159.692	6002.6	0.52	33.17	4.70
2/6/2003	31.17	4.50	3477.008	6135.246	0.47	29.79	4.46
2/7/2003	30.49	4.47	3189.704	5932.754	0.42	30.20	4.53
2/8/2003	30.15	4.62	3779.092	5953.767	0.54	31.22	4.62
2/9/2003	28.45	4.61	2920.2	5653.263	0.43	29.62	4.73
2/10/2003	31.93	4.67	3319.417	5517.521	0.53	31.92	4.78
2/11/2003	32.16	4.56	3311.088	5162.808	0.50	31.50	4.61
2/12/2003	29.06	4.24	2928.088	5395.538	0.40	29.79	5.08
2/13/2003	30.14	4.14	2636.55	5562.433	0.39	30.02	4.48

Date	Unit 2: moisture % by weight, from SWEPCO midnight samples	Unit 2: ash % by weight (wet), from SWEPCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPCO midnight samples	Unit 3: moisture % by weight, from SWEPCO midnight samples	Unit 3: ash % by weight (wet), from SWEPCO midnight samples
2/14/2003	31.01	4.45	2738.863	5151.613	0.36	28.67	4.90
2/15/2003	29.78	4.54	3703.663	5103.75	0.50	30.67	4.84
2/16/2003	28.91	4.43	3156.804	6038.3	0.48	31.20	5.12
2/17/2003	30.75	4.35	2938.008	6048.75	0.35	29.29	5.60
2/18/2003	30.50	5.50	2864.825	5837.433	0.38	30.92	4.52
2/19/2003	31.69	4.94	3603.242	5597.95	0.38	31.20	5.10
2/20/2003	31.26	4.49	3348.5	5995.688	0.38	31.20	5.10
2/21/2003	31.30	5.09	2904.567	5544.142	0.38	31.20	5.10
2/22/2003	31.30	5.09	2702.542	5745.175	0.44	32.44	4.29
2/23/2003	31.30	5.09	3272.933	5964.667	0.38	32.33	4.51
2/24/2003	32.20	4.79	2755.063	6140.8	0.39	30.48	4.87
2/25/2003	32.26	4.97	3177.963	6140.942	0.42	32.71	4.45
2/26/2003	32.26	4.97	2856.558	5788.217	0.42	32.71	4.45
2/27/2003	32.26	4.97	3397.942	5692.746	0.42	32.71	4.45
2/28/2003	32.26	4.97	2978.642	5809.883	0.42	32.71	4.45
3/1/2003	30.26	4.88	3618.854	5865.333	0.47	31.21	4.81
3/2/2003	30.53	4.81	3300.758	6011.633	0.38	29.05	5.05
3/3/2003	30.53	4.81	4020.383	6087.342	0.40	30.67	4.54
3/4/2003	30.53	4.81	3013.575	5879.483	0.46	29.94	4.71
3/5/2003	32.03	4.60	4042.933	6182.604	0.46	29.94	4.71
3/6/2003	30.51	4.72	4327.875	6090.996	0.57	29.98	4.98
3/7/2003	28.05	4.49	2628.604	5623.483	0.51	29.97	4.78
3/8/2003	30.89	4.19	2888.713	5021.6	0.44	29.95	5.33
3/9/2003	30.12	5.14	3325.883	5654.888	0.36	28.72	5.38
3/10/2003	30.59	4.63	3936.488	5583.592	0.49	31.10	4.84
3/11/2003	30.96	4.39	3068.121	4684.667	0.53	30.15	4.79
3/12/2003	29.66	4.54	3519.579	5177.067	0.59	32.48	4.50
3/13/2003	29.63	4.72	3026.271	4912.642	0.48	29.08	4.89
3/14/2003	32.55	4.22	2457.679	5476.404	0.51	31.25	4.64
3/15/2003	30.38	4.83	2404.546	5467.483	0.41	29.91	4.83
3/16/2003	31.25	4.39	3121.242	5536.858	0.50	30.00	4.88
3/17/2003	30.88	4.73	3408.133	5721.858	0.50	30.00	4.88
3/18/2003	29.13	4.71	0	0	0.50	30.00	4.88
3/19/2003	30.67	4.44	0	0	0.00	0.00	0.00
3/20/2003	30.06	4.59	0	0	0.00	0.00	0.00
3/21/2003	31.44	4.54	0	0	0.00	0.00	0.00
3/22/2003	31.28	4.68	0	0	0.00	0.00	0.00
3/23/2003	29.45	4.83	0	0	0.00	0.00	0.00
3/24/2003	31.06	4.54	0	0	0.00	0.00	0.00
3/25/2003	31.35	4.91	0	0	0.00	0.00	0.00
3/26/2003	30.90	4.49	0	0	0.00	0.00	0.00
3/27/2003	30.90	4.49	0	0	0.50	30.00	4.88
3/28/2003	30.90	4.49	901.3875	1537.179	0.50	30.00	4.88
3/29/2003	0.00	0.00	2332.567	5240.433	0.35	28.79	4.37

Date	Unit 2: moisture % by weight, from SWEPCO midnight samples	Unit 2: ash % by weight (wet), from SWEPCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPCO midnight samples	Unit 3: moisture % by weight, from SWEPCO midnight samples	Unit 3: ash % by weight (wet), from SWEPCO midnight samples
3/30/2003	0.00	0.00	3036.817	5924.175	0.35	28.79	4.37
3/31/2003	0.00	0.00	3320.15	5957.146	0.46	28.65	4.66
4/1/2003	0.00	0.00	3263.483	5695.733	0.42	28.44	4.85
4/2/2003	0.00	0.00	4149.363	5898.3	0.48	31.92	4.73
4/3/2003	0.00	0.00	4174.642	5676.796	0.56	32.64	4.92
4/4/2003	0.00	0.00	3090.408	5773.342	0.45	30.49	4.78
4/5/2003	0.00	0.00	2260.55	5723.504	0.53	31.94	4.72
4/6/2003	0.00	0.00	3762.971	5926.971	0.47	29.97	4.87
4/7/2003	0.00	0.00	3279.8	5883.688	0.47	30.14	4.82
4/8/2003	0.00	0.00	3268.671	6040.213	0.45	31.54	4.71
4/9/2003	0.00	0.00	3164.571	5904.542	0.40	33.27	4.43
4/10/2003	0.00	0.00	3266.063	6136.425	0.44	27.31	4.83
4/11/2003	0.00	0.00	3888.138	5281.567	0.55	32.39	4.80
4/12/2003	0.00	0.00	3151.313	5215.308	0.61	30.60	4.81
4/13/2003	0.00	0.00	3531.142	4798.333	0.61	30.60	4.81
4/14/2003	0.00	0.00	2731.688	4826.371	0.61	30.60	4.81
4/15/2003	0.00	0.00	3401.654	5504.338	0.44	29.75	5.09
4/16/2003	0.00	0.00	2680.883	5529.446	0.37	29.34	5.84
4/17/2003	0.00	0.00	3165.404	5464.092	0.37	29.34	5.84
4/18/2003	0.00	0.00	2976.05	5249.65	0.33	29.70	5.15
4/19/2003	0.00	0.00	2757.842	5017.033	0.36	27.25	6.31
4/20/2003	0.00	0.00	2052.446	4744.688	0.38	27.25	6.29
4/21/2003	0.00	0.00	3184.796	5828.55	0.46	30.14	4.63
4/22/2003	0.00	0.00	3308.625	5501.163	0.40	32.20	4.09
4/23/2003	0.00	0.00	3242.263	5477.913	0.49	31.00	4.67
4/24/2003	0.00	0.00	2991.529	5725.008	0.43	30.39	4.50
4/25/2003	31.59	5.16	3139.242	5702.138	0.41	30.93	4.86
4/26/2003	31.21	4.95	3609.971	5344.708	0.53	32.10	4.53
4/27/2003	31.56	5.39	2640.842	5220.492	0.38	29.68	5.48
4/28/2003	28.60	5.70	2336.313	5473.088	0.35	30.56	5.81
4/29/2003	29.77	5.26	2610.542	5550.038	0.36	28.51	5.53
4/30/2003	29.12	5.39	3668.946	5737.696	0.40	30.06	5.36
5/1/2003	30.10	5.40	2688.679	5643.958	0.43	30.40	5.00
5/2/2003	30.10	5.40	3207.863	5405.058	0.43	30.40	5.00
5/3/2003	32.09	4.86	3706.958	5521.304	0.43	30.40	5.00
5/4/2003	32.09	4.86	2833.375	5451.9	0.44	29.24	4.67
5/5/2003	24.86	5.49	2603.825	5759.921	0.31	31.39	4.40
5/6/2003	24.56	5.68	2288.604	5599.921	0.49	31.99	4.73
5/7/2003	30.61	5.54	3629.113	5699.988	0.49	32.82	4.74
5/8/2003	31.58	4.96	3690.163	5752.229	0.50	31.48	4.74
5/9/2003	31.63	5.10	3233.475	5527.438	0.47	31.64	4.63
5/10/2003	30.10	5.40	3735.492	5998.721	0.42	31.62	4.80
5/11/2003	30.10	5.40	2755.258	4978.35	0.36	30.95	5.76
5/12/2003	30.10	5.40	2339.754	5316.663	0.36	30.31	4.54

Date	Unit 2: moisture % by weight, from SWEP midnight samples	Unit 2: ash % by weight (wet), from SWEP midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEP midnight samples	Unit 3: moisture % by weight, from SWEP midnight samples	Unit 3: ash % by weight (wet), from SWEP midnight samples
5/13/2003	30.10	5.40	2909.767	5137.104	0.36	30.31	4.54
5/14/2003	31.41	5.10	3714.325	5470.692	0.49	32.03	4.82
5/15/2003	30.56	4.28	3194.842	5663.167	0.48	30.60	4.58
5/16/2003	26.98	5.37	3051.633	5436.883	0.45	30.37	4.51
5/17/2003	29.85	4.41	2908.492	5006.133	0.46	30.11	4.65
5/18/2003	30.22	4.72	3226.3	4981.496	0.46	30.11	4.65
5/19/2003	30.86	4.90	2463.038	5437.958	0.39	27.40	4.66
5/20/2003	29.59	4.68	2865.958	5698.788	0.36	30.59	4.44
5/21/2003	30.97	4.61	3399.388	5395.083	0.50	31.68	4.47
5/22/2003	29.40	4.75	3402.942	5468.042	0.50	30.35	4.95
5/23/2003	29.16	4.69	2961.096	5339.917	0.45	28.52	4.80
5/24/2003	28.44	4.80	2975.55	5351.617	0.46	30.16	4.44
5/25/2003	28.59	4.73	3414.829	5650.879	0.43	30.40	5.00
5/26/2003	25.02	4.95	2835.721	5245.258	0.43	30.40	5.00
5/27/2003	25.02	4.95	2915.542	5615.454	0.43	30.40	5.00
5/28/2003	25.02	4.95	3463.033	5617.1	0.43	30.40	5.00
5/29/2003	30.05	4.89	3410.775	5645.558	0.51	29.52	4.66
5/30/2003	30.80	4.77	2617.35	5377.404	0.40	29.25	4.65
5/31/2003	30.66	4.88	3217.792	5278.546	0.44	28.82	4.68
6/1/2003	27.66	5.02	2560.579	5185.721	0.37	29.97	4.50
6/2/2003	27.64	4.46	2107.604	5522.192	0.29	28.25	5.22
6/3/2003	29.76	4.59	2475.263	5398.363	0.32	30.32	4.38
6/4/2003	32.88	4.57	3276.229	4912.525	0.47	31.42	4.88
6/5/2003	27.33	5.09	3329.163	4701.108	0.50	30.44	4.65
6/6/2003	27.53	5.01	2588.079	5243.067	0.43	30.32	4.44
6/7/2003	30.63	4.54	3048.088	5326.183	0.46	30.97	4.64
6/8/2003	31.03	4.72	2857.558	4990.796	0.45	31.09	4.69
6/9/2003	29.06	4.39	2669.588	5439.063	0.33	27.12	4.55
6/10/2003	32.45	4.82	2963.921	5596.242	0.35	27.92	5.00
6/11/2003	30.63	4.44	2977.196	5522.258	0.31	29.73	4.82
6/12/2003	30.87	4.43	3261.196	4882.979	0.51	31.73	4.39
6/13/2003	30.14	4.59	2928.648	4602.591	0.52	31.03	4.85
6/14/2003	28.83	4.61	0	0	0.00	0.00	0.00
6/15/2003	31.32	4.13	1234.247	2831.42	0.52	31.03	4.85
6/16/2003	30.14	5.10	2360.496	5517.896	0.39	30.17	4.37
6/17/2003	31.97	4.14	2639.254	5491.633	0.33	30.38	4.47
6/18/2003	29.58	4.67	2595.117	5249.342	0.33	30.38	4.47
6/19/2003	31.36	4.41	2828.508	5522.979	0.37	30.54	4.69
6/20/2003	29.44	4.45	2901.992	5495.921	0.44	31.24	4.33
6/21/2003	29.88	4.62	2913.946	5308.971	0.43	30.25	4.61
6/22/2003	29.57	4.51	2474.696	5111.088	0.41	29.62	4.62
6/23/2003	32.45	4.92	3469.742	5459.25	0.55	30.38	4.72
6/24/2003	30.96	4.75	2834.067	5659.246	0.41	27.61	6.39
6/25/2003	32.13	4.36	3167.208	5642.238	0.50	30.58	4.79

Date	Unit 2: moisture % by weight, from SWEPSCO midnight samples	Unit 2: ash % by weight (wet), from SWEPSCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPSCO midnight samples	Unit 3: moisture % by weight, from SWEPSCO midnight samples	Unit 3: ash % by weight (wet), from SWEPSCO midnight samples
6/26/2003	29.14	4.85	3074.592	5331.55	0.47	31.58	4.59
6/27/2003	26.54	4.90	2884.413	5407.608	0.53	31.44	4.50
6/28/2003	30.98	4.62	3103.829	5230.008	0.41	32.27	4.20
6/29/2003	29.94	4.46	2581.692	5209.704	0.41	32.27	4.20
6/30/2003	31.40	4.53	3570.554	5203.075	0.55	32.19	4.65
7/1/2003	31.63	4.46	3628.8	5481.813	0.55	37.87	4.26
7/2/2003	31.29	4.91	3609.429	5487.183	0.44	31.31	5.02
7/3/2003	31.50	5.10	3590.538	5240.775	0.54	31.92	5.40
7/4/2003	29.55	5.31	3108.129	5485.292	0.59	30.09	5.14
7/5/2003	31.55	5.10	3214.646	5559.875	0.45	29.33	4.74
7/6/2003	31.01	5.07	2269.004	5330.129	0.43	30.14	4.83
7/7/2003	30.20	4.50	3528.679	5670.4	0.49	31.23	4.91
7/8/2003	29.46	4.74	3838.604	5717.658	0.46	31.94	4.37
7/9/2003	31.49	4.57	3549.625	5558.817	0.46	31.94	4.37
7/10/2003	25.48	5.04	3130.771	5594.183	0.40	29.30	5.54
7/11/2003	29.42	4.72	3840.675	5759.383	0.60	29.44	4.97
7/12/2003	32.81	4.94	3952.404	5557.233	0.60	29.44	4.97
7/13/2003	28.02	4.65	2913.658	5671.3	0.60	29.44	4.97
7/14/2003	27.60	4.33	2431.258	5635.925	0.31	28.50	4.17
7/15/2003	25.28	4.64	3251.188	5647.413	0.33	26.47	4.32
7/16/2003	29.01	4.38	3160.1	5892.45	0.33	29.92	4.60
7/17/2003	29.96	4.65	3676.683	5703	0.54	28.32	4.96
7/18/2003	30.21	4.62	3005.958	5591.513	0.36	30.73	4.69
7/19/2003	28.99	5.24	3963.404	5648.988	0.59	30.79	4.75
7/20/2003	30.55	4.83	4359.05	5559.413	0.50	31.64	4.73
7/21/2003	30.66	4.92	4281.092	5753.008	0.42	30.39	4.67
7/22/2003	30.85	4.48	3498.471	5830.792	0.42	30.39	4.67
7/23/2003	30.13	4.62	2536.854	5559.696	0.42	30.39	4.67
7/24/2003	30.13	4.62	3425.004	5277.517	0.45	29.52	5.09
7/25/2003	30.13	4.62	2930.308	5490.892	0.54	29.80	4.72
7/26/2003	30.13	4.62	3450.433	5366.204	0.55	30.78	4.51
7/27/2003	30.13	4.62	4107.704	5227.325	0.57	29.72	4.88
7/28/2003	29.42	4.67	3452.171	5757.658	0.50	29.78	4.87
7/29/2003	30.34	5.13	3425.921	5641.313	0.62	30.15	5.00
7/30/2003	31.25	4.60	3626.379	5638.896	0.52	30.49	4.83
7/31/2003	29.26	4.89	3737.696	5652.05	0.51	33.53	4.83
8/1/2003	30.28	4.80	2764.625	5619.121	0.53	32.23	4.73
8/2/2003	32.67	4.52	3443.288	5620.075	0.43	30.83	4.59
8/3/2003	31.76	4.68	3775.271	5554.85	0.43	29.97	4.61
8/4/2003	30.04	5.02	4019.117	5569.446	0.43	29.97	4.61
8/5/2003	28.87	5.12	4434.329	5846.45	0.43	29.97	4.61
8/6/2003	30.78	4.88	3611.842	5741.692	0.43	29.97	4.61
8/7/2003	24.18	5.34	3468.804	5764.267	0.56	31.73	4.96
8/8/2003	28.41	5.03	3056.835	5139.913	0.43	31.92	4.95

Date	Unit 2: moisture % by weight, from SWEPCO midnight samples	Unit 2: ash % by weight (wet), from SWEPCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPCO midnight samples	Unit 3: moisture % by weight, from SWEPCO midnight samples	Unit 3: ash % by weight (wet), from SWEPCO midnight samples
8/9/2003	26.81	5.11	0	0	0.00	0.00	0.00
8/10/2003	29.90	4.54	0	0	0.43	31.92	4.95
8/11/2003	29.32	4.71	2447.204	4715.475	0.47	31.60	4.79
8/12/2003	32.84	5.03	3611.888	5591.046	0.44	31.41	4.64
8/13/2003	32.38	4.96	4096.413	5477.333	0.56	32.67	4.85
8/14/2003	32.16	4.60	4176.317	5475.425	0.56	32.67	4.85
8/15/2003	30.26	5.03	3787.683	5344.654	0.56	32.67	4.85
8/16/2003	30.26	5.03	2948.496	5339.929	0.33	28.34	4.29
8/17/2003	30.26	5.03	2831.958	5343.875	0.38	30.74	4.51
8/18/2003	19.69	6.08	3543.088	5631.879	0.51	29.75	4.65
8/19/2003	18.96	5.95	3572.058	5659.071	0.52	31.11	4.63
8/20/2003	21.21	5.52	3246.413	5503.329	0.58	30.83	4.74
8/21/2003	33.11	4.62	3712.421	5765.867	0.53	32.14	4.70
8/22/2003	32.04	4.53	3508.792	5574.029	0.48	32.95	4.41
8/23/2003	26.48	5.04	3371.625	5652.563	0.32	31.56	4.83
8/24/2003	29.11	4.67	2561.792	5331.946	0.33	30.91	4.82
8/25/2003	29.11	4.67	3963.479	5663.975	0.33	30.91	4.82
8/26/2003	29.11	4.67	3331.075	5737.525	0.33	30.91	4.82
8/27/2003	29.11	4.67	2660.625	5606.621	0.34	28.86	5.56
8/28/2003	29.04	4.90	2478.583	5695.163	0.34	28.86	5.56
8/29/2003	29.87	4.60	3464.188	5663.358	0.34	28.86	5.56
8/30/2003	29.87	4.60	2649.971	5442.496	0.34	28.86	5.56
8/31/2003	0.00	0.00	1251.3	2341.1	0.34	28.86	5.56
9/1/2003	29.87	4.60	0	0	0.34	28.86	5.56
9/2/2003	31.12	4.66	0	0	0.00	0.00	0.00
9/3/2003	30.91	4.72	1401.404	3153.704	0.30	30.19	5.48
9/4/2003	31.53	4.50	3518.625	5824.817	0.38	31.44	4.56
9/5/2003	31.51	4.60	2732.533	5352.292	0.38	31.14	4.51
9/6/2003	29.40	5.70	2229.746	4587.5	0.36	29.62	4.81
9/7/2003	30.64	4.70	2030.779	4541.371	0.37	29.74	4.78
9/8/2003	32.41	4.55	2654.892	4610.975	0.38	29.35	4.93
9/9/2003	28.93	4.68	2773.408	4590.842	0.48	31.02	5.07
9/10/2003	28.87	4.54	2239.729	4820.558	0.48	30.61	4.73
9/11/2003	29.41	4.51	2709.404	4794.338	0.48	28.92	4.56
9/12/2003	26.29	4.49	2274.575	4572.083	0.37	29.99	4.65
9/13/2003	29.08	4.46	3111.658	5500.625	0.46	32.76	4.27
9/14/2003	28.24	4.60	3380.379	5261.642	0.43	32.83	4.73
9/15/2003	33.75	4.59	3379.271	5503.013	0.36	30.18	4.68
9/16/2003	30.33	4.66	2642.6	5443.254	0.45	30.53	4.84
9/17/2003	30.26	4.84	2955.546	5312.558	0.35	28.82	4.77
9/18/2003	30.26	4.84	3218.675	5668.721	0.35	28.82	4.77
9/19/2003	30.26	4.84	2140.833	5117.613	0.35	28.82	4.77
9/20/2003	30.26	4.84	3072.992	5234.117	0.42	33.10	4.50
9/21/2003	30.26	4.84	2669.413	5016.554	0.42	32.65	4.41

Date	Unit 2: moisture % by weight, from SWEPSCO midnight samples	Unit 2: ash % by weight (wet), from SWEPSCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPSCO midnight samples	Unit 3: moisture % by weight, from SWEPSCO midnight samples	Unit 3: ash % by weight (wet), from SWEPSCO midnight samples
9/22/2003	28.01	4.65	1841.7	2697.4	0.42	32.65	4.41
9/23/2003	30.78	4.35	0	0	0.00	0.00	0.00
9/24/2003	27.83	5.40	1000.12	1956.32	0.39	28.72	5.32
9/25/2003	32.75	4.30	2737.658	5505.033	0.39	28.72	5.32
9/26/2003	30.73	4.78	2687.646	5534.479	0.39	28.72	5.32
9/27/2003	33.22	4.57	2803.446	5301.325	0.44	31.23	4.54
9/28/2003	33.22	4.57	2044.729	4848.425	0.37	32.83	4.13
9/29/2003	30.33	4.72	2498.65	5006.175	0.39	29.95	4.40
9/30/2003	30.33	4.72	3050.033	5456.421	0.45	29.30	4.80
10/1/2003	29.30	4.37	2646.888	5118.171	0.37	29.36	4.82
10/2/2003	29.30	4.37	2137.883	5034.288	0.37	29.36	4.82
10/3/2003	32.64	4.85	2267.358	4824.154	0.37	29.36	4.82
10/4/2003	30.67	13.08	0	0	0.37	29.36	4.02
10/5/2003	31.64	4.57	0	0	0.00	0.00	0.00
10/6/2003	31.64	4.57	0	0	0.00	0.00	0.00
10/7/2003	0.00	0.00	0	0	0.00	0.00	0.00
10/8/2003	0.00	0.00	0	0	0.00	0.00	0.00
10/9/2003	0.00	0.00	0	0	0.00	0.00	0.00
10/10/2003	0.00	0.00	0	0	0.37	29.36	4.82
10/11/2003	0.00	0.00	0	0	0.00	0.00	0.00
10/12/2003	0.00	0.00	0	0	0.00	0.00	0.00
10/13/2003	0.00	0.00	198.5292	557.55	0.37	29.36	4.82
10/14/2003	0.00	0.00	3097.275	4964.354	0.37	29.36	4.82
10/15/2003	0.00	0.00	3501.192	5368.325	0.37	29.36	4.82
10/16/2003	28.73	4.36	3160.558	5689.704	0.44	29.96	4.97
10/17/2003	28.74	4.42	2172.108	5075.458	0.32	30.18	4.61
10/18/2003	28.29	4.23	2200.975	4628.788	0.39	31.52	4.27
10/19/2003	27.87	4.30	3092.892	5066.792	0.43	28.59	4.51
10/20/2003	27.79	4.66	3008.429	5498.221	0.42	28.72	4.76
10/21/2003	31.08	4.52	2955.883	5470.379	0.33	27.03	4.72
10/22/2003	31.08	4.52	3300.054	5618.988	0.42	30.23	4.85
10/23/2003	31.08	4.52	3210.075	5698.279	0.40	24.91	5.05
10/24/2003	31.08	4.52	3546.617	5956.417	0.45	30.63	5.02
10/25/2003	30.40	4.86	3069.163	5566.096	0.44	28.74	5.33
10/26/2003	32.13	4.59	3377.061	5097.678	0.36	28.13	5.16
10/27/2003	29.14	5.09	1019.975	2114.633	0.43	29.84	4.89
10/28/2003	26.78	5.08	911.7667	2077.683	0.44	26.75	4.92
10/29/2003	31.73	4.69	1028.733	2113.638	0.52	32.05	4.91
10/30/2003	31.55	4.55	854.1538	1820.915	0.52	32.05	4.91
10/31/2003	29.83	4.78	1631.776	2500.441	0.47	30.30	4.96
11/1/2003	31.35	4.86	2749.275	5250.646	0.37	29.67	5.70
11/2/2003	30.52	4.57	3410.367	5572.029	0.48	31.07	4.94
11/3/2003	30.97	4.78	3674.954	5768.225	0.46	30.58	4.56
11/4/2003	25.68	5.74	2511.954	5593.367	0.37	29.11	5.07

Date	Unit 2: moisture % by weight, from SWEPCO midnight samples	Unit 2: ash % by weight (wet), from SWEPCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPCO midnight samples	Unit 3: moisture % by weight, from SWEPCO midnight samples	Unit 3: ash % by weight (wet), from SWEPCO midnight samples
11/5/2003	30.84	5.00	2340.021	5271.238	0.37	29.11	5.07
11/6/2003	32.92	4.61	0	0	0.37	29.11	5.07
11/7/2003	30.73	4.81	2275.829	3414.775	0.37	29.11	5.07
11/8/2003	30.04	4.62	3963.388	5546.892	0.37	29.11	5.07
11/9/2003	30.20	4.52	2982.238	4741.083	0.37	29.11	5.07
11/10/2003	30.48	5.42	2921.383	4816.25	0.37	29.11	5.07
11/11/2003	29.63	5.07	3060.642	5311.671	0.40	30.57	5.15
11/12/2003	31.98	5.08	2458.642	5429.825	0.38	29.69	5.87
11/13/2003	32.28	4.81	3117.346	4945.663	0.47	31.59	4.97
11/14/2003	30.48	4.93	3912.129	5748.175	0.52	32.09	4.81
11/15/2003	29.99	4.80	3162.929	5038.963	0.53	30.66	4.77
11/16/2003	32.08	4.65	2600.871	4888.904	0.39	31.44	4.66
11/17/2003	32.08	4.65	2766.529	5349.542	0.37	30.01	4.69
11/18/2003	32.08	4.65	2950.292	5330.208	0.47	31.78	4.63
11/19/2003	32.08	4.65	3813.121	5552.079	0.40	32.03	4.51
11/20/2003	29.64	4.37	2469.85	5430.567	0.37	31.67	4.36
11/21/2003	28.45	4.50	3050.05	5308.396	0.55	31.34	4.84
11/22/2003	28.28	4.11	3904.471	5417.913	0.54	29.10	4.84
11/23/2003	26.49	4.95	3547.263	5017.992	0.51	29.12	4.80
11/24/2003	31.85	4.52	3663.692	5615.671	0.53	31.65	4.73
11/25/2003	30.95	4.60	3570.779	5667.058	0.57	31.60	4.80
11/26/2003	31.26	4.83	2686.038	4969.317	0.37	29.39	4.71
11/27/2003	28.94	5.03	1821.779	4247.608	0.35	28.19	6.84
11/28/2003	29.70	5.26	1982.738	4548.933	0.40	30.72	4.78
11/29/2003	30.27	4.94	0	0	0.41	31.49	4.82
11/30/2003	28.21	4.73	1299.004	2866.554	0.41	31.49	4.82
12/1/2003	26.99	4.53	2134.225	4869.733	0.32	28.81	4.29
12/2/2003	28.88	4.64	2457.075	5351.871	0.31	28.27	5.23
12/3/2003	24.93	4.79	2483.521	5267.163	0.32	24.19	5.18
12/4/2003	30.81	4.23	1834.565	4824.718	0.32	24.19	5.18
12/5/2003	27.78	5.19	0	0	0.00	0.00	0.00
12/6/2003	29.36	4.68	0	0	0.00	0.00	0.00
12/7/2003	28.58	4.71	0	0	0.00	0.00	0.00
12/8/2003	27.65	5.10	0	0	0.00	0.00	0.00
12/9/2003	29.17	4.71	0	0	0.00	0.00	0.00
12/10/2003	27.11	5.56	0	0	0.00	0.00	0.00
12/11/2003	30.39	4.79	0	4.670833	0.00	0.00	0.00
12/12/2003	30.39	4.79	0.083333	23.85	0.00	0.00	0.00
12/13/2003	30.39	4.79	0	0	0.00	0.00	0.00
12/14/2003	30.39	4.79	0	0	0.00	0.00	0.00
12/15/2003	28.00	4.84	29.44737	254.4842	0.34	31.38	4.54
12/16/2003	32.62	4.59	735.3917	2081.904	0.34	31.38	4.54
12/17/2003	29.70	4.76	2266.192	4649.133	0.51	30.83	4.79
12/18/2003	21.30	5.09	2329.742	5626.95	0.30	27.22	4.46

Date	Unit 2: moisture % by weight, from SWEPSCO midnight samples	Unit 2: ash % by weight (wet), from SWEPSCO midnight samples	Unit 3: Daily average SO2 emissions (lbs/hr) from EPA	Unit 3: Daily average heat rate (MMBTU/ hr) from EPA	Unit 3: Fuel %S (dry) from SWEPSCO midnight samples	Unit 3: moisture % by weight, from SWEPSCO midnight samples	Unit 3: ash % by weight (wet), from SWEPSCO midnight samples
12/19/2003	30.39	4.79	1844.558	5379.821	0.29	30.19	4.49
12/20/2003	0.00	0.00	2243.508	5335.038	0.43	30.40	4.95
12/21/2003	0.00	0.00	2441.129	4883.113	0.43	30.40	4.95
12/22/2003	0.00	0.00	2110.554	4802.25	0.43	30.40	4.95
12/23/2003	0.00	0.00	1805.113	4752.533	0.43	30.40	4.95
12/24/2003	0.00	0.00	2761.108	4976.508	0.43	30.40	4.95
12/25/2003	0.00	0.00	2603.65	4840.479	0.30	29.90	4.53
12/26/2003	0.00	0.00	2529.567	4957.438	0.31	28.33	4.90
12/27/2003	0.00	0.00	1727.213	4546.879	0.27	28.68	4.83
12/28/2003	0.00	0.00	1899.321	4672.142	0.30	29.84	4.75
12/29/2003	0.00	0.00	2572.904	5247.075	0.30	29.32	5.08
12/30/2003	30.39	4.79	2728.329	5605.225	0.37	31.97	4.76
12/31/2003	30.39	4.79	2357.205	4734.2	0.37	31.97	4.76

EXHIBIT 5

SUMMARY OUTPUT						
<i>Regression Statistics</i>						
Multiple R	0.946146779					
R Square	0.895193727					
Adjusted R Square	0.894905004					
Standard Error	395.5025215					
Observations	365					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	4.85E+08	4.85E+08	3100.533	7.0126E-180	
Residual	363	56781275	156422.2			
Total	364	5.42E+08				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	-10.82446289	50.24089	-0.215451	0.829537	-109.6242037	87.97528
Unit 1: Daily average heat rate (MMBTU/hr) from EPA	0.564463991	0.010137	55.68243	7E-180	0.544528977	0.584399

SUMMARY OUTPUT						
<i>Regression Statistics</i>						
Multiple R	0.92914295					
R Square	0.86330663					
Adjusted R Square	0.86293006					
Standard Error	437.453753					
Observations	365					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	438721105.9	4E+08	2292.58	6.1884E-159	
Residual	363	69465780.29	2E+05			
Total	364	508186886.2				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	-71.6182185	60.44342086	-1.185	0.23684	-190.4814489	47.2450118
Unit 2: Daily average heat rate (MMBTU/hr) from EPA	0.58318589	0.012179933	47.88	6E-159	0.559233806	0.60713798

SUMMARY OUTPUT						
<i>Regression Statistics</i>						
Multiple R	0.919200652					
R Square	0.844929839					
Adjusted R Square	0.844502648					
Standard Error	441.1442767					
Observations	365					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	1	384911008	3.85E+08	1977.876	5.4819E-149	
Residual	363	70642803	194608.3			
Total	364	455553811				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	-45.79168212	65.0823104	-0.703596	0.482135	-173.7773842	82.19402
Unit 3: Daily average heat rate (MMBTU/hr) from EPA	0.571987642	0.01286137	44.47332	5.5E-149	0.546695499	0.59728

EXHIBIT 6

SUMMARY OUTPUT						
<i>Regression Statistics</i>						
Multiple R	0.957825585					
R Square	0.917429851					
Adjusted R Square	0.916512405					
Standard Error	352.5081927					
Observations	365					
ANOVA						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	4	4.97E+08	1.24E+08	999.9823	1.7726E-193	
Residual	360	44734329	124262			
Total	364	5.42E+08				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	1.464181197	49.68061	0.029472	0.976505	-96.2364932	99.16486
Unit 1: Daily average heat rate (MMBTU/hr) from EPA	0.564672446	0.018545	30.44927	1.2E-101	0.528202901	0.601142
Unit 1: Fuel %S (dry) from SWEPCO midnight samples	2836.90677	308.5954	9.192964	3.12E-18	2230.030565	3443.783
Unit 1: moisture % by weght, from SWEPCO midnight samples	-6.343860007	8.791847	-0.721562	0.471032	-23.63369083	10.94597
Unit 1: ash % by weight (wet), from SWEPCO midnight samples	-217.1077599	50.04879	-4.337922	1.87E-05	-315.5324733	-118.683

SUMMARY OUTPUT						
<i>Regression Statistics</i>						
Multiple R	0.947484449					
R Square	0.897726781					
Adjusted R Square	0.896590412					
Standard Error	379.9631146					
Observations	365					
<i>ANOVA</i>						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	4	456212977.5	114053244.4	789.9957701	9.2949E-177	
Residual	360	51973908.63	144371.9684			
Total	364	508186886.2				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	-26.18370401	54.97892878	-0.476249803	0.634185328	-134.3039122	81.9365
Unit 2: Daily average heat rate (MMBTU/hr) from EPA	0.60673044	0.028739684	21.11124244	5.96809E-65	0.550211685	0.663249
Unit 2: Fuel %S (dry) from SWEPCO midnight samples	3163.717144	298.8506845	10.5862804	5.56394E-23	2576.004743	3751.43
Unit 2: moisture % by weght, from SWEPCO midnight samples	-30.04213846	6.609812302	-4.545081931	7.50869E-06	-43.04083266	-17.04344
Unit 2: ash % by weight (wet), from SWEPCO midnight samples	-128.0446189	31.8813632	-4.016284314	7.19912E-05	-190.7417231	-65.34751

SUMMARY OUTPUT						
<i>Regression Statistics</i>						
Multiple R	0.94040029					
R Square	0.884352705					
Adjusted R Square	0.883067735					
Standard Error	382.5483486					
Observations	365					
ANOVA						
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>	
Regression	4	4.03E+08	1.01E+08	688.2283	3.7068E-167	
Residual	360	52683566	146343.2			
Total	364	4.56E+08				
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>
Intercept	-33.51926625	70.54152	-0.475171	0.634953	-172.2444779	105.2059
Unit 3: Daily average heat rate (MMBTU/hr) from EPA	0.564769387	0.01743	32.40226	9.3E-109	0.530492096	0.599047
Unit 3: Fuel %S (dry) from SWEPCO midnight samples	3055.546659	295.5883	10.33717	4.18E-22	2474.250056	3636.843
Unit 3: moisture % by weght, from SWEPCO midnight samples	-17.63318173	7.206675	-2.446785	0.014891	-31.80565053	-3.460713
Unit 3: ash % by weight (wet), from SWEPCO midnight samples	-155.2978336	36.12902	-4.298424	2.22E-05	-226.3482672	-84.2474

EXHIBIT 7

859-986-1299


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

 REGION 4
 ATLANTA FEDERAL CENTER
 61 FORSYTH STREET
 ATLANTA, GEORGIA 30303-8960

FEB 18 2005

4APT-APB

RECEIVED

John S. Lyons, Director
 Department for Environmental Protection
 Kentucky Natural Resources & Environmental
 Protection Cabinet
 803 Schenkel Lane
 Frankfort, Kentucky 40601

FEB 18 2005

 PERMIT REVIEW BRANCH
 DIVISION FOR AIR QUALITY

Dear Mr. Lyons:

The United States Environmental Protection Agency (EPA) has reviewed the proposed title V operating permit for Tennessee Valley Authority (TVA) - Plant Paradise located in Drakesboro (Muhlenberg County), Kentucky. Based on the review of the proposed permit and the supporting information for this facility, EPA formally objects, under the authority of Section 505(b) of the Clean Air Act (the Act) and 40 CFR § 70.8(c), to the issuance of the title V permit for this facility. The bases for EPA's objection are that the permit does not include all applicable requirements to assure compliance with the Act and that it includes limitations which are not practically enforceable.

Section 505(b)(1) of the Act and 40 CFR § 70.8(c) require EPA to object to the issuance of a proposed permit amendment in writing within 45 days of receipt of the proposed permit (and all necessary supporting information) if EPA determines that the permit is not in compliance with the applicable requirements under the Act or 40 CFR Part 70. Pursuant to 40 CFR § 70.8(c), this letter provides a statement of the reason(s) for EPA's objection and a description of the terms and conditions that the permit must include to respond to the objection.

Specifically, the following items are deficient in the proposed title V permit for TVA - Plant Paradise:

1. 40 CFR § 70.6(a)(1) requires that the title V permit include operational limitations that assure compliance with all applicable requirements. Since non-title V, state operating permits 0-87-012 and 0-86-75 (which contain the maximum heat inputs for boilers COMB1, COMB2, and COMB3) were incorporated into the Kentucky State Implementation Plan (SIP) as source-specific SIP revisions [40 CFR §§ 52.920(d) and 52.939(c)(49) and (54)], they are "applicable requirements." Therefore, pursuant to § 70.6(a)(1), the permit must include the maximum heat inputs or "operational limitations" for boilers COMB1, COMB2, and COMB3 (6,305 mmBTU/hr for COMB1 and COMB2 and 10,390 mmBTU/hr for COMB3, respectively) to assure

compliance with all applicable requirements, specifically permits 0-87-012 and 0-86-75. In addition to the respective heat input limitations, the permit needs to include the appropriate periodic monitoring and reporting requirements.

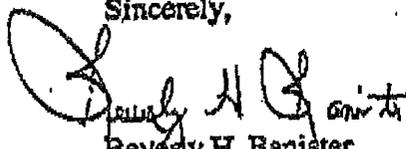
Review

- 2. 40 CFR § 70.6(a)(3)(B) requires that the title V permit contain appropriate periodic monitoring where the applicable requirement does not require periodic testing or monitoring. However, the two lime storage silos (EQPT15) and the Unit 3 limestone handling system (GACT10) are subject to hourly process rate limitations (5 and 900/600 tons per hour, respectively) without appropriate periodic monitoring. Therefore, pursuant to § 70.6(a)(3)(B), the permit must include the requirement that hours of operation be monitored (and recorded) along with the respective throughput amounts.

40 CFR § 70.8(c)(4) and Section 505(c) of the Act provide that if the permitting authority fails to revise and resubmit a proposed permit amendment within 90 days to satisfy the objection, the authority to issue or deny the permit amendment defaults to EPA, and EPA will act accordingly. Because the objection issues must be fully addressed within 90 days, we suggest that the revised permit be submitted with sufficient advance notice so that any outstanding issues may be resolved prior to the expiration of the 90-day period.

We are committed to working with you to resolve the above issues. Please let us know if we may provide assistance to you and your staff. If you have any questions or wish to discuss this further, please contact Gregg Worley, Chief, Air Permitting Section at (404) 562-9141. Should your staff need further assistance, they may also contact Art Hofmeister, Kentucky title V contact, at (404) 562-9115.

Sincerely,



Beverly H. Banister
Director
Air, Pesticides and Toxics
Management Division

cc: Janet K. Watts, TVA

EXHIBIT 8



U.S. Environmental Protection Agency

Technology Transfer Network New Source Review

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- New NSR Website
- Technical Information
- Rule Development & Stakeholder Information
- Uncategorized Policy & Guidance Documents
- Non Attainment Memos
- PSD Memos
- Policy Guidance

July 11, 1983 Request by the Hawaiian Electric Co. to Burn 2.0% Sulfur Fuel Oil at their Kahe Units #1-5. 4.26

THE TEXT YOU ARE VIEWING IS A COMPUTER-GENERATED OR RETYPED VERSION OF A PAPER PHOTOCOPY OF THE ORIGINAL. ALTHOUGH CONSIDERABLE EFFORT HAS BEEN EXPENDED TO QUALITY ASSURE THE CONVERSION, IT MAY CONTAIN TYPOGRAPHICAL ERRORS. TO OBTAIN A LEGAL COPY OF THE ORIGINAL DOCUMENT, AS IT CURRENTLY EXISTS, THE READER SHOULD CONTACT THE OFFICE THAT ORIGINATED THE CORRESPONDENCE OR PROVIDED THE RESPONSE.

4.26

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

SUBJECT: Request by the Hawaiian Electric Co. to Burn 2.0% Sulfur Fuel Oil at their Kahe Units #1-5

FROM: Sheldon Meyers, Director
Office of Air Quality Planning and Standards

TO: David P. Howekamp, Director
Air Management Division, Region IX

This is in response to your memoranda to me concerning the impact of the PSD regulations on Hawaiian Electric Co.'s (HECO's) desire to switch to 2.0% sulfur fuel oil at Kahe Units #1-5. In January 1979, your Region issued a PSD permit to HECO for the construction of Unit #6 at their Kahe Generating Station. As a condition of that permit, HECO agreed to limit the sulfur in fuel combusted at Units #1-5 to 0.5%. This limit was deemed necessary in order to prevent predicted violations of the SO₂ NAAQS.

Prior to the actual startup of Unit #6, existing Units #1-5 actually burned somewhat less than the 2.0% sulfur oil. Since the startup of Unit #6, these existing units have complied with the 0.5% sulfur oil requirements. Over the past year, HECO has gathered actual air quality data which they contend shows that the sulfur in fuel limit for Units #1-5 could be raised to 2.0% without violating the NAAQS for SO₂. As a result of this new data, HECO has requested Region IX to amend the 0.5% sulfur in fuel conditions to 2.0%. The Agency has determined that such a change in a PSD permitted limit would constitute a major modification and require the source to undergo PSD review.

Since that response has been transmitted to HECO, an additional question of applicability has arisen. That question is whether the 0.5% limit can be amended to a level which would provide for no significant net contemporaneous increase over the source's actual SO₂ emissions prior to burning 0.5% sulfur oil in a manner to avoid triggering a full PSD review.

2

A review of the PSD regulations reveals that a major modification will occur as a result of "... any physical change in or change in the method of operation of a major stationary that would result in a significant net emissions increase of any pollutant regulated under the act." It has previously been determined that the proposed switch in permitted levels will qualify as a change in the method of operation. The next question is whether it will result in a significant net emissions increase. Net emissions increase means,

"the amount by which the sum of the following exceeds zero: (a) Any increase in actual emissions from a particular physical change or change in method of operation at a stationary source; and (b) Any other increases and decreases in actual emissions at the source that are contemporaneous with the particular change and are otherwise creditable."

Contemporaneous is defined as,

"... occur(ing) between: (a) The date five years before construction on the particular change commences; and (b) The date that the increase from the particular change occurs."

An increase or decrease in actual emissions is creditable

"... only if the Administrator has not relied on it in issuing a permit for the source under this section, which permit is in effect when the increase in actual emissions from the particular change occurs."

Since the proposed increase, that is the change from 0.5% to some higher level, will occur within five years of the time when Units #1-5 switched to 0.5%, such decrease can be considered contemporaneous for PSD purposes. In order for such a decrease to be acceptable, it must also be creditable. Since the issuance of the original PSD permit to HECO was conditioned on Units #1-5 agreeing to burn 0.5% sulfur fuel, it must be concluded that EPA relied on this decrease in issuing the original permit. The preamble to the August 7, 1980 regulations states at page 52701:

"... a reviewing authority 'relies' on an increase or decrease when, after taking the increase or decrease into account, it concludes that the proposed project would not cause or contribute to a violation of an increment or ambient standard."

3

The facts in this case, as described in your memorandum clearly state that the requirement to burn 0.5% sulfur fuel in Units #1-5 was considered necessary to pretend predicted violations of the SO₂ NAAQS. Further, additional sources have been or are being permitted also in reliance on HECO's continued compliance with the 0.5% sulfur fuel oil requirement of the existing permit. Therefore, any attempt on the part of HECO to increase their sulfur in fuel levels such that there will be a significant increase in SO₂

emissions will require a PSD permit.

This response has been coordinated with the Office of General Counsel and they concur in its findings. Should you choose to discuss this matter further, please contact me.

cc: Darryl Tyler
Bill Pederson
Mike Trutna
Peter Wyckoff
David Rochlin

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Last updated on Thursday, March 9th, 2006
URL: http://www.epa.gov/ttn/nsr/psd1/p4_26.html

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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