



Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
MC 61-53 IGCN 1003
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

TO: Interested Parties / Applicant
DATE: October 23, 2007
RE: Indiana University / 105-247771-00005
FROM: Nisha Sizemore
Chief, Permits Branch
Office of Air Quality

Notice of Decision: Approval - Effective Immediately

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to IC 13-15-5-3, this permit is effective immediately, unless a petition for stay of effectiveness is filed and granted according to IC 13-15-6-3, and may be revoked or modified in accordance with the provisions of IC 13-15-7-1.

If you wish to challenge this decision, IC 4-21.5-3 and IC 13-15-6-1 require that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days of the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

- (1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
- (2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
- (3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

- (1) the name and address of the person making the request;
- (2) the interest of the person making the request;
- (3) identification of any persons represented by the person making the request;
- (4) the reasons, with particularity, for the request;
- (5) the issues, with particularity, proposed for considerations at any hearing; and
- (6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178. Callers from within Indiana may call toll-free at 1-800-451-6027, ext. 3-0178.

Enclosures
FNPER.dot 03/23/06



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We make Indiana a cleaner, healthier place to live.

Mitchell E. Daniels, Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251
(317) 232-8603
(800) 451-6027
www.IN.gov/idem

October 23, 2007

Mr. Ted Alexander
Indiana University
2735 East 10th Street, Room 160
Bloomington, Indiana 47408

Re: Interim Significant Source Modification Petition
105-247771-00005

Dear Mr. Alexander:

On October 01, 2007, the Office of Air Quality (OAQ) received an Interim Significant Source Modification (SSM) petition from Indiana University (IU) 700 North Walnut Grove, Bloomington, Indiana 47405 to modify its Central Heating Plant No. 5 (CHP) by removing two (2) existing coal-fired boilers, installing a new boiler, and adding control devices to three (3) other existing coal-fired boilers. The primary objective of the project is to provide reliable boiler capacity for the IU campus and for the CHP to meet Federal emission standards. The features of the new boiler are as follows:

One (1) natural gas or low-sulfur No. 2 fuel oil fired boiler, identified as EU-07, approved for construction in 2007, with a maximum design capacity of 217 MMBtu per hour when combusting natural gas and 208 MMBtu per hour when combusting fuel oil, and equipped with low NOx burners and induced flue gas recirculation for NOx control, exhausting to stack 002.

Public notice of the interim SSM petition was published on October 4, 2007. The public comment period ended on October 21, 2007. There were no comments received during the public comment period. This interim SSM petition expires on the effective date of the final SSM permit. The interim SSM petition may be revoked after this effective date upon a written finding by the Indiana Department of Environmental Management (IDEM) that any of the reasons for denial in 326 IAC 2-13-1(h) exist or if the final significant source modification permit is denied. The IDEM has reviewed this interim SSM petition and has not found any such reason. The facilities specified in the interim SSM petition may not operate until the final Significant Source Modification is issued by OAQ.

The interim SSM petition is federally enforceable. Detailed construction and operation conditions will be specified in the final SSM permit 105-24626-00005.

If you have any questions regarding this matter, please contact Syed Jaffery, Senior Environmental Manager, via email sjaffery@idem.IN.gov or call him directly at (317) 233-9327. He may also be reached at toll free phone number (800) 451-6027 extension 3-9327.

Sincerely,

Original signed by Matt Stuckey for
Nisha Sizemore, Chief
Permits Branch
Office of Air Quality

Attachments

cc: File -- Monroe County
Monroe County Health Department
Air Compliance Section Inspector -- Jim Thorpe

Compliance Data Section
Administrative and Development
Technical Support and Modeling
Billing, Licensing, and Training - Dan Stamatkin
Anthony Sullivan, Barnes & Thornburg LLP, 11 S. Meridian Street, Indianapolis, IN 46204-3535

**Indiana Department of Environmental Management
Office of Air Management**

**Interim Significant Permit Revision/ Significant Source Modification
Evaluation Sheet**

Company Name: Indiana University
Location: 700 North Walnut Grove, Bloomington, Indiana 47405 Permit No: 105-247771-00005
Permit Reviewer: Syed Jaffery Date Receipt of Application: 10/01/07 Date of review: 10/22/07
Description of the interim construction: To modify its Central Heating Plant No. 5 (CHP) by removing two (2) existing coal-fired boilers, installing a new boiler, and adding control devices to three (3) other existing coal-fired boilers. The primary objective of the project is to provide reliable boiler capacity for the IU campus and for the CHP to meet Federal emission standards.
Public Notice Date + 17 days = 10/21/07
Date the Application was received + 19 days = 10/20/07

Interim Petition Applicability: 326 IAC 2-13-1

- (a) Existing Source with valid permit;
- (b) Exemptions:
- (1) construction of a PSD source or PSD modification;
 - (2) construction or modification in nonattainment area that would emit those pollutants for which the nonattainment designation is based.
 - (3) any modification subject to 326 IAC 2-4.1.
- (3) Public notice comment period is 14 calendar days.

Instructions: Check (T) appropriate answers and make a recommendation.

1. Did the applicant submit a written petition for an interim permit?
 Yes Go to question 2.
 No Ignore verbal request.
2. Did the applicant pay the \$500 interim permit fee?
 Yes Go to question 3.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(1).
3. Did the applicant state acceptance of federal enforceability of an interim permit?
 Yes Go to question 4.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(D).
4. Did the applicant or its authorized agent sign the application?
 Yes Go to question 5.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(E).
5. Did the applicant submit a notarized affidavit stating that the applicant will proceed at its own risk (if the interim permit is issued), including, but not limited to:
 - (a) Financial risk,
 - (b) Risk that additional emission controls may be required,
 - (c) Risk that the final permit may be denied. Yes Go to question 6.

- No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(F).
6. Did the applicant begin construction prior to submitting the interim permit application?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(h)(6).
 No Go to question 7.
7. What is the type of the interim construction?
 New Source Deny the application, pursuant to 326 IAC 2-13-1(a)
 Modification to an existing source Go to question 8.
8. Did the applicant present data in the interim permit that is sufficient to determine PSD, NSPS, NESHAP, and state rule compliance?
 Yes Go to question 9.
 No Deny the application pursuant to:
326 IAC 2-13-1(c)(2)(B), for PSD ;
326 IAC 2-13-1(c)(2)(C), for NSPS or NESHAP;
326 IAC 2-13-1(c)(2)(C), for state rules.
9. Is the proposed modification to be located in a nonattainment area?
 Yes Go to question 10.
 No Go to question 11. County: Monroe County
10. Will the proposed modification emit the pollutant for which the area is nonattainment in quantities greater than the significant levels?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(a)(2).
 No Go to question 11.
11. Did the petition include a complete description of the process?
 Yes Go to question 12.
 No Deny the petition, pursuant to 326 IAC 2-13-1(c)(2).
12. Did the interim permit petition contain conditions accepting either emission controls (baghouse, afterburners, scrubbers, etc.) or enforceable limits or other suitable restriction to avoid PSD applicability; as well as control parameters (incinerator operating temperature, baghouse pressure drop, etc.)? The specific limits must be explicitly spelled out (i.e.: The gas consumption of the boiler shall not exceed 29 million cubic feet per month.) A statement such as that the company agrees to conditions such that PSD rules are not applicable is not acceptable.
 Yes Go to question 13.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(B).
13. Do the emission controls and/or throughput limits prevent PSD applicability?
 Yes Go to question 14.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(B).
14. Will the modification, after application of all emission controls and/or throughput limitations comply with all applicable New Source Performance Standards (NSPS) (40 CFR 60)?
 Yes Go to question 15.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
15. Will the modification, after application of all emission controls and/or throughput limitations comply with all applicable National Emission Standards for Hazardous Air Pollutants (NESHAP)?
 Yes Go to question 16.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
16. Will the modification, after application of all emission controls and/or throughput limitations, comply with all applicable state rules?

- Yes Go to question 17.
 No Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
17. Does the applicant dispute applicability of any applicable state or federal rule?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(c)(2)(C).
 No Go to question 18.
18. Is there good reason to believe that the applicant does not intend to construct in accordance with the interim permit petition?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(h)(1).
 No Go to question 19.
19. Is there good reason to believe that information in the petition has been falsified?
 Yes Deny the application, pursuant to 326 IAC 2-13-1(h)(7).
 No Approve the interim permit petition.
20. Has the petition been adequately public noticed? A proof of publication copy is necessary.
 Yes Go to question 21.
 No Deny the application, pursuant to 326 IAC 2-13-1(e).

Newspaper: Bloomington Herald-Times

Date of publication: 10/04/07

21. Were comments received within seventeen (17) days after the public notice of the interim permit? (14 calendar days for comment period + 3 working days for mailing)
 Yes Evaluate the comments received, and make a recommendation.
 No Issue the final interim permit approval.

Comments:

Recommendation: **Based on above evaluation the application is recommended to be approved**

Date the applicant was informed of the decision:

Method of informing the applicant:

105-22777I-00005

BARNES & THORNBURG LLP

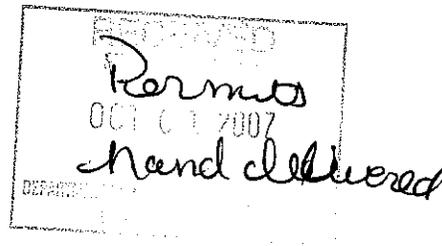
11 South Meridian Street
Indianapolis, IN 46204-3535 U.S.A.
(317) 236-1313
Fax (317) 231-7433

www.btlaw.com

Anthony C. Sullivan
(317) 231-7472
tony.sullivan@btlaw.com

October 1, 2007

Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue
Mail Code 61-50, IGCN 1003
Indianapolis, Indiana 46204-2251



Re: Petition for Interim Significant Source Modification

Dear Office of Air Quality:

This letter transmits a petition for an interim significant source modification for Indiana University, Bloomington, Indiana. As indicated in the enclosed Petition for Interim Significant Permit Revision, Indiana University intends to modify its Central Heating Plant No. 5 at the University Campus in Bloomington, Indiana. Enclosed please find:

- (1) A Petition for Interim Significant Source Modification with proposed conditions to ensure that PSD and other programs are not triggered or violated;
- (2) A draft public notice that will be published in the Bloomington Herald Times;
- (3) An Affidavit of Construction;
- (4) An Interim Petition Checklist; and
- (5) A filing fee in the amount of \$500.

This project is very important to Indiana University, and a timely review and approval would be very valuable. Accordingly, on behalf of Indiana University, we appreciate your prompt attention to this matter and thank you for your timely consideration. If you have any questions or need anything further, please call.

Sincerely,

Anthony C. Sullivan

Enclosures
Via Hand Delivery

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY**

**PETITION FOR INTERIM SIGNIFICANT PERMIT REVISION, SIGNIFICANT SOURCE
MODIFICATION, MINOR PERMIT REVISION, OR MINOR SOURCE MODIFICATION**

Source Name: Indiana University
 Source Address: 700 North Walnut Grove, Bloomington, IN 47405
 Mailing Address: 2735 East 10th Street, Room 160, Bloomington, IN 47408
 SIC Code: 8221

Description of The Operation or Equipment:

Indiana University, located at 700 North Walnut Grove, Bloomington, Indiana, has made application to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) for an interim permit to modify its Central Heating Plant No. 5 (CHP) at the University Campus in Bloomington, Indiana. The first phase of the project includes removal of two existing coal-fired boilers, designated as Boiler No. 1 and Boiler No. 2, and installation of a new package boiler capable of producing 180,000 lbs of steam per hour. The second phase of the project involves adding control devices to three existing coal-fired boilers, designated as Boiler No. 3, Boiler No. 4, and Boiler No. 6. The primary objective of the phased project is to provide reliable boiler capacity for the IU campus and for the CHP to meet Federal emission standards.

Potential To Emit:

Based on 8,760 hours per year of operation, the emissions from the new boiler will be

Pollutant	Emission Increase (tons/year)
NO _x	35.5
SO ₂	3.1
PM	7.3
PM ₁₀	7.0
CO	35.2
VOC	5.0

Note that these emission estimates reflect only the emissions from the new boiler, and do not reflect the reductions associated with the removal of the exiting boilers.

PSD Requirements:

None needed. Source is minor under PSD criteria.

NSPS Requirements:

Emission unit EU-07 shall comply with 40 CFR 60, Subpart Db.

NESHAP Requirements:

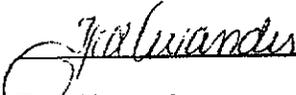
Emission Unit EU-07 shall comply with 40 CFR Part 63, subpart DDDDD.

State Rules & Requirements:

326 IAC 6-3 — Storage Silos
 326 IAC 6-2 — EU-07

Federal Enforceability:

The company consents to the federal enforceability of this interim petition.

Signature: 
Printed Name: Ted Alexander
Title or Position: Director of Department of Environmental Health & Safety
Phone No.: (812) 855-9276
Date: 10/1/07

NOTICE OF 14-DAY PERIOD FOR PUBLIC COMMENT

Proposed Approval of Interim Significant Permit Revision/Significant Source Modification for Indiana University in Bloomington, Indiana, Monroe County

Notice is hereby given that the above company located at 700 North Walnut Grove, Bloomington, Indiana, has made application to the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) for an interim permit to modify its Central Heating Plant No. 5 (CHP) at the University Campus in Bloomington, Indiana. The first phase of the project includes removal of two existing coal-fired boilers, designated as Boiler No. 1 and Boiler No. 2, and installation of a new package boiler capable of producing 180,000 lbs of steam per hour. The second phase of the project involves adding control devices to three existing coal-fired boilers, designated as Boiler No. 3, Boiler No. 4, and Boiler No. 6. The primary objective of the phased project is to provide reliable boiler capacity for the IU campus and for the CHP to meet Federal emission standards. Based on 8,760 hours per year of operation, the emissions from the new boiler will be approximately

Pollutant	Emission Increase (tons/year)
NOx	35.5
SO ₂	3.1
PM	7.3
PM ₁₀	7.0
CO	35.2
VOC	5.0

Note that these emission estimates reflect only the emissions from the new boiler, and do not reflect the reductions associated with the removal of the exiting boilers.

The company has submitted an application for a significant permit revision / significant source modification. The OAQ shall review the application in accordance with the Permit Review Rules. Operation of the source cannot commence until a valid operating permit is issued. The construction of the proposed project is entirely at the applicant's own risk.

Notice is hereby given that there will be a period of 14 days from the date of publication of this notice during which any interested person may comment on why this interim permit should or should not be issued. Appropriate comments should be related to air quality issues, interpretation of the applicable state and federal rules, calculations made, technical issues, or the effect that the operation of this facility would have on any aggrieved individuals. A copy of the application and staff review is available for examination at the Monroe County Public Library, 303 East Kirkwood Avenue, Bloomington, Indiana. All comments, along with supporting documentation, should be submitted in writing to the IDEM, OAQ, 100 North Senate Avenue, Indianapolis, Indiana 46204.

Persons not wishing to comment at this time, but wishing to receive notice of future proceedings conducted related to this action, must submit a written request to the Office of Air Quality (OAQ), at the above address. All interested parties of record will receive a notice of the decision on this matter and will then have 15 days after receipt of the Notice of Decision to file a petition for administrative review. Procedures for filing such a petition will be enclosed with the Notice.

Questions should be directed to OAQ, 100 North Senate Avenue, Indianapolis, Indiana, 46204, or at 317/233-2882.



 Company Official's Name Signature
 Ted Alexander

 Company Official's Printed Name
 Company Name: Indiana University

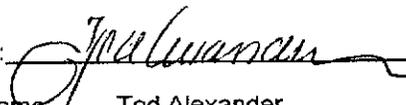
Affidavit of Construction

I, Ted Alexander, being duly sworn upon my oath, depose and say:

1. I live in Johnson County, Indiana and being of sound mind and over twenty-one (21) years of age, I am competent to give this affidavit.
2. I hold the position of Director of Department of Environment, Health & Safety for Indiana University.
3. By virtue of my position with Indiana University, I have personal knowledge of the representations contained in this affidavit and am authorized to make these representations on behalf of Indiana University.
4. I, the undersigned, have submitted an interim significant source modification petition to the Office of Air Quality to modify its Central Heating Plant No. 5 (CHP) at the University Campus in Bloomington, Indiana. The first phase of the project includes removal of two existing coal-fired boilers, designated as Boiler No. 1 and Boiler No. 2, and installation of a new package boiler capable of producing 180,000 lbs of steam per hour. The second phase of the project involves adding control devices to three existing coal-fired boilers, designated as Boiler No. 3, Boiler No. 4, and Boiler No. 6. The primary objective of the phased project is to provide reliable boiler capacity for the IU campus and for the CHP to meet Federal emission standards.
5. Indiana University recognizes the following risks:
 - (a) own financial risk,
 - (b) that IDEM may require additional or different control technology for the final approval,
 - (c) that IDEM may deny issuance of the final approval, and
 - (d) any additional air permitting requirements.

Further Affiant said not.

I affirm under penalties of perjury that the representations contained in this affidavit are true, to the best of my information and belief.

Signature: 

Printed Name: Ted Alexander

Phone No.: (812) 855-9276

Date: 10/1/07

STATE OF INDIANA)
) SS
COUNTY OF Marion)

Subscribed and sworn to me, a notary public in and for Hendricks County and State of
Indiana on this 1st day of October, 2007.

My Commission expires: July 21, 2008

Signature: 
Printed Name: Nancy A. Wagner

**Indiana Department of Environmental Management
Office of Air Quality**

Interim Petition Checklist		
Instructions: (a) Please answer yes or no. (b) Enclose this checklist with the completed interim petition package.		
Company Name: Indiana University		
Location: 700 North Walnut Grove, Bloomington, Indiana		
Yes	1.	Is the written interim petition prepared?
Yes	2.	Is the written petition signed and dated?
Yes	3.	Is the public notice drafted?
Yes	4.	Is the \$500 filing and review fee enclosed?
Yes	5.	Is the account number written on the check or money order?
Yes	6.	Is the Affidavit of Construction signed, dated, and notarized?
Yes	7.	Is the proposed modification/revision described in detail?
Yes	8.	Is the proposed modification/revision a modification or addition to an existing source?
Yes	9.	Is the proposed modification/revision located in an attainment area for all the criteria pollutants?
No	10.	Is the proposed modification/revision located in a nonattainment area? If yes, answer No. 11.
	11.	Is the pollutant, which the nonattainment designation is based on, going to be emitted in this proposed modification/revision?
Yes	12.	Are potential emissions calculated?
Yes	13.	Is federal enforceability consent specifically indicated?
N/A	14.	Are specific conditions, limitations, and/or restrictions included that preclude applicability of PSD?
Yes	15.	Are specific conditions, limitations, and/or restrictions included that reference preclude applicability of NSPS?
Yes	16.	Are specific conditions, limitations, and/or restrictions included that reference preclude applicability of NESHAP?
Yes	17.	Are specific conditions, limitations, and/or restrictions included that assure compliance with all applicable state air pollution rules?
Yes	18.	Has a regular modification/revision permit application been submitted to OAQ?
N/A	19.	Is a regular modification/revision permit application going to be submitted to OAQ? If yes, indicate approximate date of submission:
No	20.	Has the proposed modification/revision commenced prior to the submission of the interim permit petition?
	21.	The interim petition comment period has been decided to be: _____ 14 calendar days
Additional Comments:		

revised 3/23/01 by drp

RECEIVED

OCT 01 2007

State of Indiana
Department of Environmental Management
Office of Air Quality

RECEIVED
State of Indiana

OCT 01 2007

Department of Environmental Mgmt.
Office of Air Quality

HAND DELIVERED

FROM:
ACS

BARNES & THORNBURG LLP
11 SOUTH MERIDIAN STREET
INDIANAPOLIS, INDIANA 46204-3535

TO:

Office of Air Quality
Indiana Department of Environmental Management
100 North Senate Avenue
Mail Code 61-50, IGCN 1003
Indianapolis, Indiana 46204-2251

14 Day Comment Period
Form Prescribed By State Board of Accounts
BARNES & THORNBURG
(Governmental Unit)
Monroe County, Indiana

TO: Herald-Times
PO Box 909
Bloomington, IN 47402

PUBLISHER'S CLAIM

LINE COUNT

Display Matter (Must not exceed 2 actual lines, neither of which shall total more than four solid lines of the type in which the body of the Advertisement is set)- Number of equivalent lines

Head- Number of lines _____
Body- Number of lines _____
Tail- Number of lines _____
Total number of lines in notice: 120

COMPUTATION OF CHARGES:

120 lines 1 column(s) wide equals 120 equivalent lines

.295 cents per line \$35.40
Additional Charges for notices containing rule
or tabular work (50% of above amount)
Charge for extra proofs of publication
\$2.00 for each proof in excess of two)
TOTAL AMOUNT OF CLAIM **\$35.40**

DATA FOR NOTICE OF 14 DAY PERIOD FOR PUBLIC COMMENT

Width of Significance of Proposed Project: Interior
Number of Significant Issues: 1
Size of type 6 point

Pursuant to the provisions of Ch 155, Acts 1953.

I hereby certify that the above is true and correct, that the amount claimed is legally due, after allowing all just credits, and that no part of the same has been paid.

Date: 10/4/07

Dore C. Lukens
Title: Class Sales Mgr

PUBLISHER'S AFFIDAVIT

State of Indiana, Monroe County
Personally appeared before me, a notary public in and for said county and state, the undersigned, who, being duly sworn, says that she/he is Public Notice Billing Clerk for Herald-Times newspaper of general circulation printed and published in the English language in the city of Bloomington in state and county aforesaid, and that the printed matter attached hereto is a true copy, which was duly published in said paper for 1 time, the dates of publication being as follows: 10/04/07

Michael Carter, Notary Public
Residing in Monroe County
My commission expires 7/23/08.

Subscribed and sworn to before me on October 4, 2007

Notary Public, Monroe Co. Indiana

My Commission expires _____

Proposed Project: Interior
Significant Issues: 1
Bloomington, Indiana, Monroe County
Notice is hereby given that the following project is being proposed for construction in Monroe County, Indiana:
North Valley
Application to the Indiana Department of Environmental Management, Air Quality Control Division, for a permit to install and operate a coal-fired boiler at the University campus in Bloomington, Indiana. The first phase of the project includes the installation of a coal-fired boiler designated as Boiler No. 1, Boiler No. 2, and Boiler No. 3. The primary objective of the phased project is to provide reliable boiler capacity for the campus and for the University to meet Federal emission standards. Based on a 100,000 lbs per year of operation, the emissions from the new boiler will be approximately:
Pollutant Emission Increase (tons/year)
NOx 35.6
SO2
PM 10
CO
VOC
Note that these emission estimates reflect only the emissions from the new boiler, and do not reflect the reductions associated with the removal of the existing boilers 1 and 2. The company has submitted an application for a significant permit, and a significant source modification. The O&M shall review the application, and account for the emissions Review Rules.