



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

We Protect Hoosiers and Our Environment.

Mitchell E. Daniels Jr.
Governor

Thomas W. Easterly
Commissioner

100 North Senate Avenue
Indianapolis, Indiana 46204
(317) 232-8603
Toll Free (800) 451-6027
www.idem.IN.gov

TO: Interested Parties / Applicant

DATE: October 28, 2010

RE: Hoosier Energy – Merom / 153-29820-00005

FROM: Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

Notice of Decision – Approval

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 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires 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, Suite N 501E, Indianapolis, IN 46204, **within eighteen (18) calendar days from 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-AM.dot12/3/07



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October 28, 2010

Ms. Angie Lee
5500 W Old 54
Sullivan, IN 47882

Re: Experimental Operation
EO No. 153-29820-00005

Dear Ms. Lee:

On October 25, 2010, Hoosier Energy REC, Inc. – Merom Generating Station, Sullivan, Indiana, submitted a letter informing the Office of Air Quality (OAQ) of its intention to conduct an experimental operation to test and evaluate a new H₂SO₄ control system (RI system) to satisfy a proposed Federal Consent Decree, Civil Action No. 1-10-cv-0935-LJM-TAB.

Experimental Operation General Information

Unit:	Unit 1 (1SG1)
Location of the Operation:	Sullivan, Indiana
County:	Sullivan
County Status:	Attainment for all criteria pollutants
Purpose of the Operation:	To determine which RI system satisfies the above mentioned Consent Decree
Starting Date of the Operation:	Seven days from the notification date [326 IAC 2-1.1-3(h)(3)(F)]
Duration of the Operation:	30 days of actual operation
Testing parameters:	H ₂ SO ₄

Applicable Requirements

Pursuant to 326 IAC 2-1.1-3(h)(3), the above mentioned temporary operation and experimental trial shall satisfy the following requirements:

1. The potential emissions from the operation should be less than 25 tons per year for the duration of the operation. [326 IAC 2-1.1-3(h)(3)(A)]
2. The operation should not be a major source or modification as defined under 326 IAC 2-2, 326 IAC 2-3 or 326 IAC 2-7. [326 IAC 2-1.1-3(h)(3)(B)]
3. The purpose of the operation is to:
 - (a) collect data for experimental purposes, including, but not limited to, process improvements, new product development, and pollution prevention. [326 IAC 2-1.1-3(h)(3)(C)(i)]
 - (b) temporarily conduct an operation not considered as part of the normal operation or production of the source. [326 IAC 2-1.1-3(h)(3)(C)(ii)]
4. The experimental trial should not be part of the existing normal operation or production of the source. [326 IAC 2-1.1-3(h)(3)(C)(ii)]
5. The duration of the experimental operation should not exceed 30 days of actual operation. [326 IAC 2-1.1-3(h)(3)(D)]

Sullivan, Indiana

EO: 153-29820-00005

Permit Writer: Jillian Bertram

6. The source shall submit a report containing the following information, seven (7) days after the conclusion of the experimental operation: [326 IAC 2-1.1-3(h)(3)(G)]
 - (a) The actual dates of the construction and operation.
 - (b) The duration of the operation.
 - (c) The actual emissions occurring during the operation.

7. The report shall be submitted to:
Indiana Department of Environmental Management
Permit Administration and Support Section, Office of Air Quality
100 North Senate Avenue
MC 61-53 IGCN 1003
Indianapolis, Indiana 46204-2251

Experimental Trial Expiration Date

This approval expires after 30 days of actual operating time of the experimental operation.

If you have any questions regarding this approval, please contact Jillian Bertram of my staff at 317-233-1782 or at 1-800-451-6027, ext 3-1782.

Sincerely,



Matthew Stuckey, Branch Chief
Permits Branch
Office of Air Quality

JLB

Enclosure: Experimental Trial Operation Report (1 page)

cc: File – Sullivan County

Sullivan County Health Department
Compliance and Enforcement Branch
Compliance Data Section

Sullivan, Indiana
 Permit Writer: Jillian Bertram

EO: 153-29820-00005

Page 1 of 1

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

Experimental Trial Operation Report

Source Name:
 Source Location:
 County:
 EO No.:
 Approval Reviewer:

Milestone Schedule	
Type of unit/operation:	
Actual starting date of the construction:	
Actual ending date of the construction:	
Actual starting date of the operation:	
Actual ending date of the operation:	
Actual number of days of the operation:	
Calculated emissions during the duration of the operation:	
Additional Comments:	

<p>I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.</p>	
Signature:	
Printed Name:	
Title/Position:	
Date:	

cc: Compliance and Enforcement Branch



INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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SENT VIA U.S. MAIL: CONFIRMED DELIVERY AND SIGNATURE REQUESTED

TO: Angie Lee
Hoosier Energy REC, Inc.
POB 908
Bloomington, IN 47402

DATE: October 28, 2010

FROM: Matt Stuckey, Branch Chief
Permits Branch
Office of Air Quality

SUBJECT: Final Decision
Hoosier Energy REC
153-29820-00005

Enclosed is the final decision and supporting materials for the air permit application referenced above. Please note that this packet contains the original, signed, permit documents.

The final decision is being sent to you because our records indicate that you are the contact person for this application. However, if you are not the appropriate person within your company to receive this document, please forward it to the correct person.

A copy of the final decision and supporting materials has also been sent via standard mail to:
Karl Back, Responsible Official
Erin Gorman, Consultant
OAQ Permits Branch Interested Parties List

If you have technical questions regarding the enclosed documents, please contact the Office of Air Quality, Permits Branch at (317) 233-0178, or toll-free at 1-800-451-6027 (ext. 3-0178), and ask to speak to the permit reviewer who prepared the permit. If you think you have received this document in error, please contact Joanne Smiddie-Brush of my staff at 1-800-451-6027 (ext 3-0185), or via e-mail at jbrush@idem.IN.gov.

Final Applicant Cover letter.dot 11/30/07

Mail Code 61-53

IDEM Staff	DPABST 10/28/2010 Hoosier Energy REC, Inc. - Merom Generating Station 153-29820-00005 (Final)		AFFIX STAMP HERE IF USED AS CERTIFICATE OF MAILING
Name and address of Sender		Indiana Department of Environmental Management Office of Air Quality – Permits Branch 100 N. Senate Indianapolis, IN 46204	

Line	Article Number	Name, Address, Street and Post Office Address	Postage	Handing Charges	Act. Value (If Registered)	Insured Value	Due Send if COD	R.R. Fee	S.D. Fee	S.H. Fee	Rest. Del. Fee	Remarks
1		Angie Lee Hoosier Energy REC, Inc. - Merom Generating Statio PO Box 908 Bloomington IN 47402-0908 (Source CAATS) (CONFIRM DELIVERY)										
2		Karl Back Plant Mgr Hoosier Energy REC, Inc. - Merom Generating Statio 5500 W Old 54 Sullivan IN 47882 (RO CAATS)										
3		Mr. Randy Brown Plumbers & Steam Fitters Union, Local 136 2300 St. Joe Industrial Park Dr Evansville IN 47720 (Affected Party)										
4		Ms. Beverly Coulson 4800 W. State Rd 54 Sullivan IN 47882 (Affected Party)										
5		Sullivan City Council and Mayors Office 32 N. Court St. Sullivan IN 47882 (Local Official)										
6		Sullivan County Health Department 31 N Court Street Sullivan IN 47882-1509 (Health Department)										
7		Sullivan County Commissioners 100 Courthouse Square Sullivan IN 47882-1593 (Local Official)										
8		Mr. Richard Monday 545 E. Margaret Dr. Terre Haute IN 47801 (Affected Party)										
9		Attn: Erin Gorman TRC Enviromental Corporation 1200 Wall Street West, 2nd Floor Lyndhurst NJ 07071 (Consultant)										
10												
11												
12												
13												
14												
15												

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