



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 4, 2009

Dr. Edwin Lyman
Senior Staff Scientist
Union of Concerned Scientists
1825 K Street, NW, Suite 800
Washington, D.C. 20006-1232

Dear Dr. Lyman:

This letter responds to the petition filed on December 16, 2008, by the Union of Concerned Scientists (UCS) with R. W. Borchardt, Executive Director for Operations at the U.S. Nuclear Regulatory Commission (NRC), pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.206, "Requests for action under this subpart." In the petition, UCS requested that the NRC issue a Demand for Information requiring the Indiana Michigan Power Company (the licensee) to docket the following four pieces of information at least 30 days before restarting the Donald C. Cook Nuclear Plant, Unit 1 (CNP-1) reactor from its current outage:

- (1) the vibration levels experienced in the control room, turbine building, and other structures during the event of September 20, 2008
- (2) the vibration levels assumed in these locations during the safe-shutdown earthquake (SSE)
- (3) in locations where the vibration levels during the September 2008 event exceeded the vibration levels assumed for the SSE, the extent of piping, pipe supports, and other items replaced or repaired as a result of potential stress damage and the bases for not replacing other structures, systems, and components exposed to loading greater than the SSE
- (4) in locations where the vibration levels during the September 2008 event did not exceed the vibration levels assumed for the SSE, the extent of measures taken to protect against spurious equipment operation and the bases for concluding that the as-left configuration will not pose a public health hazard in event of an SSE.

In the petition, UCS stated that the September 20, 2008, event caused significant vibration levels that resulted in the spurious operation of standby equipment and may have contributed to a breach that seriously impaired the fire protection system. The petitioner requested the information, in part, to ensure that the licensee applied the proper lessons learned from the event to future operation of the CNP-1 reactor. The petition further stated that without this information, the NRC cannot be assured that the public is adequately protected from the significant adverse safety implications resulting from an SSE at CNP-1 that causes the spurious actuation of equipment.

On March 6, 2009, the NRC staff acknowledged receiving the petition and stated that, pursuant to 10 CFR 2.206, it was referring the petition to me for action and that the agency would act upon it within a reasonable time. The NRC staff also informed the licensee that the petition under consideration met the criteria for acceptance into the 10 CFR 2.206 process.

On February 19, 2009, the licensee informed the NRC staff of its intent to develop a response to the petition. The licensee provided its response in a letter dated May 12, 2009, and the staff reviewed the information in its evaluation of the petition.

The NRC issued a proposed director's decision on July 2, 2009, which summarized the safety significance of the event based upon a review of information obtained through inspection and provided by the licensee in its licensee event report and letter of May 12, 2009. The NRC sent a copy of the proposed director's decision to you and the licensee. The staff did not receive any comments on the proposed director's decision. There are currently no further issues which remain to be addressed in developing this director's decision.

The NRC technical staff reviewed the licensee's response and other docketed information associated with the event. The staff concludes that public health and safety were not affected by the event, nor would they be affected by a similar event in the future. Furthermore, the NRC has found the licensee's event response and corrective actions to be reasonable and technically sound.

Based on the above, the Office of Nuclear Reactor Regulation has concluded that future operation of CNP-1 provides reasonable assurance of the continued protection of public health and safety. There were no violations associated with the event. The licensee's corrective actions in response to the event appear appropriate. No further action is required.

In accordance with 10 CFR 2.206(c), the staff will file a copy of the director's decision (DD-09-02) with the Secretary of the Commission for the Commission to review. As provided for by this regulation, the decision will constitute the final action of the Commission 25 days after the date of the decision unless the Commission, on its own motion, institutes a review of the decision within that time. The documents cited in the enclosed decision are available in the Agencywide Documents Access and Management System (ADAMS) Electronic Reading Room on the NRC Web site, <http://www.nrc.gov/reading-rm/adams.html>, and for inspection at the Commission's Public Document Room, located at One White Flint North, 11555 Rockville Pike (first floor), Rockville, Maryland.

I have also enclosed a copy of the notice of the issuance of the director's decision under 10 CFR 2.206 that has been filed with the Office of the *Federal Register* for publication.

E. Lyman

- 3 -

The NRC staff appreciates the effort of UCS in bringing the issues discussed in the petition to the attention of the agency. Please feel free to contact Terry Beltz, the petition manager, at (301) 415-3049 to discuss any questions related to this petition.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is fluid and cursive, with a prominent initial "E" and "L".

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

Docket No. 50-315

Enclosures:

1. Director's Decision 09-02
2. *Federal Register* Notice

cc: Listserv

ENCLOSURE 1

DIRECTOR'S DECISION UNDER 10 CFR 2.206

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION
OFFICE OF NUCLEAR REACTOR REGULATION

Eric J. Leeds, Director

In the Matter of)	Docket No. 50-315
)	
INDIANA MICHIGAN POWER COMPANY)	License No. DPR-58
)	
Donald C. Cook Nuclear Plant, Unit 1)	

DIRECTOR'S DECISION UNDER 10 CFR 2.206

I. Introduction

By letter to R. W. Borchardt, Executive Director for Operations for the U.S. Nuclear Regulatory Commission (NRC), dated December 16, 2008 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML083640201), Mr. David Lochbaum (the petitioner), on behalf of the Union of Concerned Scientists (UCS), filed a petition pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR) 2.206, "Requests for action under this subpart." Mr. Lochbaum subsequently informed the NRC in a letter dated February 2, 2009 (ADAMS Accession No. ML090370688), that Dr. Edwin Lyman would represent UCS as the new point of contact for the petition.

Publicly available records will be accessible from the ADAMS Electronic Reading Room on the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. Persons who do not have access to ADAMS or who encounter problems in accessing the documents located in ADAMS should contact the reference staff in the NRC Public Document Room by telephone at 1-800-397-4209 or 301-415-4737, or by e-mail to PDR.Resource@nrc.gov.

Enclosure

Action Requested

The petitioner requested that the NRC issue a demand for information requiring the Indiana Michigan Power Company (the licensee) to docket the following four pieces of information at least 30 days before restarting the Donald C. Cook Nuclear Plant, Unit 1 (CNP-1) reactor from its current outage:

- (1) The vibration levels experienced in the control room, turbine building, and other structures during the event on September 20, 2008;
- (2) The vibration levels assumed in these locations during a safe shutdown earthquake (SSE);
- (3) In locations where the vibration levels during the September 2008 event exceeded the vibration levels assumed for the SSE, the extent of piping, pipe supports, and other items replaced or repaired because of potential stress damage and the bases for not replacing other structures, systems, and components (SSCs) exposed to greater than the SSE loading; and
- (4) In locations where the vibration levels during the September 2008 event did not exceed the vibration levels assumed for the SSE, the extent of measures taken to protect against spurious equipment operation and the bases for concluding that the as-left configuration will not pose a public health hazard in the event of an SSE.

Petitioner's Bases for the Requested Action

The petitioner stated that the September 20, 2008, event caused significant vibration levels that resulted in the spurious operation of standby equipment and that may have contributed to a breach that seriously impaired the fire protection system. The petitioner based the request for information, in part, on a need for the licensee to apply the proper lessons from

the event to the future operation of the CNP-1 reactor. The petitioner stated that, without this information, the NRC cannot be assured that the public is adequately protected from the significant adverse safety implications that would result from an SSE at CNP-1 that causes the spurious actuation of equipment. The petitioner provided the additional details given below regarding the bases for seeking the actions described in the previous section.

Item (1) requests information on the magnitude of vibration levels throughout the plant during the September 2008 event. The magnitude of the motion in the turbine building and control room should be determined. Since the turbine building and control room are physically attached to other structures, the licensee should also quantify the motion in these other structures.

Item (2) requests that the above information be put into the proper design- and licensing-basis context by documenting the magnitude of vibration levels assumed for the SSE. The petitioner requested this information to provide the framework to determine whether the CNP-1 design and licensing bases bound the magnitude of that event.

Item (3) requests the identification of those SSCs that may have been damaged by exposure to vibration levels above those assumed in the design analyses and procurement specifications that were either replaced or repaired, or that were evaluated such that the as-left configuration provides reasonable assurance that this equipment can perform all required safety functions during and after all design- and licensing-basis events.

Item (4) requests assurance that, if vibration levels were less than those for an SSE, the licensee would evaluate any equipment that operated spuriously during the event to determine the consequences and implications if actual vibration levels had been higher than those assumed in the SSE. The information would document protective measures (e.g., hardware or procedures) applied against spurious equipment operation or the evaluations concluding that spurious equipment operation has no adverse safety implications.

Determination for NRC Review under 10 CFR 2.206

On January 21, 2009, the NRC Petition Review Board (PRB) convened to discuss the petition under consideration and determine whether it met the criteria for further review under the 10 CFR 2.206 process. The PRB comprised NRC technical and enforcement staff and legal counsel, and it was chaired by an NRC senior-level manager. The PRB determined that the petition under consideration met the criteria established in NRC Management Directive 8.11, "Review Process for 10 CFR 2.206 Petitions," dated October 25, 2000, for acceptance into the 10 CFR 2.206 process.

The NRC discussed this conclusion with the petitioner during a telephone conversation on January 27, 2009. The petitioner stated during this conversation that he did not need a public meeting to address the PRB. In a letter dated March 6, 2009 (ADAMS Accession No. ML090370035), the NRC informed the petitioner that the PRB had approved the petition request and that it was referring the issues in the petition to the Office of Nuclear Reactor Regulation for appropriate action.

The agency issued a proposed director's decision on July 2, 2009 (ADAMS Accession No. ML091610073), and sent a copy to the petitioner and the licensee for comment. The NRC staff did not receive any comments on the proposed director's decision.

II. Discussion

Background

On September 20, 2008, the CNP-1 main turbine failed because the design of the blade-rotor system did not provide an adequate stress margin in at least three low-pressure turbine blades. The blades ultimately exceeded their stress threshold and suffered high-cycle fatigue cracking. As a result, control room turbine vibration monitors indicated high-high vibration levels on all main turbine supervisory instrumentation vibration points. Numerous alarms were also

received on components in the condensate and feedwater systems. The event produced noticeable ground and building vibrations both at and near the plant.

Control room operators initiated a reactor shutdown, entered the reactor trip response emergency operating procedure, and opened the main condenser vacuum breakers to stop main turbine rotation. All reactor safety systems operated as designed, and no unexpected safety-related system actuations occurred. The reactor protection system actuated to fully insert all control rods. The auxiliary feedwater system initiated and functioned as required. Steam generator atmospheric relief valves were operated to remove decay heat.

A hydrogen fire occurred concurrent with the event, originating from below the CNP-1 turbine and main generator. A portion of the main generator cooling system, which uses hydrogen, failed and hydrogen was released. Several fire protection sprinkler systems automatically actuated, and operators manually actuated a turbine water spray system to assist in controlling the fire. The onsite fire brigade responded to the fire. The licensee also requested offsite fire protection assistance, but it was not needed to extinguish the fire. The fire was extinguished within 30 minutes.

A section of the fire protection system's yard loop piping failed early in the event, resulting in the loss of at least 544,000 gallons of water from the north fire water storage tank. Initially, control room operators and fire brigade personnel were not aware of this failure. Although only one fire pump was necessary to supply flow for the fire protection systems that had actuated, all three fire pumps (one electric and two diesel driven) started as a result of the break in order to maintain system pressure. Control room operators received a low fire protection header pressure alarm and directed fire brigade personnel to investigate. Fire brigade personnel discovered that all three fire pumps were operating without water and determined that the aligned fire water storage tank was empty. After consulting with the control room operators, fire brigade personnel shut down all three fire pumps. Both diesel-driven

pumps showed evidence of overheating, with one damaged beyond repair. The pipe break was isolated to permit recovery of the fire protection system. It was subsequently discovered that operations and fire brigade personnel did not initially recognize that there was a pipe break until they attempted to refill the fire protection system.

Licensee Event Report

The licensee provided details of the September 20, 2008, event in Licensee Event Report (LER) 315/2008-006-01, "Manual Reactor Trip Due to Main Turbine High Vibrations," dated November 13, 2008 (ADAMS Accession No. ML083370197), in accordance with 10 CFR 50.73, "Licensee Event Report System." The LER documented the details of the event; provided an analysis of the event, including estimated change in conditional core damage probability; and provided a list of corrective actions.

The LER stated that the licensee performed extensive inspections to identify and document damage to plant equipment resulting from the event. The results of the inspections identified no significant damage to safety-related SSCs. The licensee determined that all plant systems necessary to shut down the unit and remove decay heat performed as designed, and that the event did not represent a significant increase in overall risk. The licensee also determined that the trip event and response resulted in a change in conditional core damage frequency of $7.811\text{E-}07$, which represents a nominal increase in plant risk from expected plant performance consistent with NRC Inspection Manual Chapter 0308, "Reactor Oversight Process (ROP) Basis Document," dated November 8, 2007, and Regulatory Guide 1.174, "An Approach for Using Probabilistic Risk Assessment in Risk-Informed Decisions on Plant Specific Changes to the Licensing Basis," Revision 1, issued November 2002.

Special Inspection

The NRC initiated a special inspection in accordance with Inspection Procedure 93812, "Special Inspection," issued July 25, 2008, based on the risk and deterministic criteria

established in NRC Management Directive 8.3, "NRC Incident Investigation Program," dated March 27, 2001, and Inspection Procedure 71153, "Followup of Events and Notices of Enforcement Discretion," dated February 12, 2008, and on the equipment performance problems associated with the event. The Special Inspection Team (SIT) evaluated the facts and circumstances surrounding the September 20, 2008, turbine high-vibration event and the resulting failure of the fire protection system. The team detailed the results of the inspection in "D.C. Cook Nuclear Power Plant, Units 1 and 2, NRC Special Inspection Team Report 05000315/2008009; 05000316/2008009," dated January 23, 2009 (ADAMS Accession No. ML090260032).

The SIT made one finding of very low significance (a Green finding as determined using NRC Inspection Manual Chapter 0609, "Significance Determination Process," dated August 5, 2008) related to the licensee's failure to have appropriate procedures for control room operator actions associated with a response to a fire protection alarm panel. The lack of guidance contributed to the operator's inability to diagnose the fire protection system failure as evidenced by the simultaneous operation of all three fire pumps. This contributed to operators not recognizing a break in the fire protection system header outside the turbine building. The licensee entered the issue into its corrective action program and has subsequently revised procedures determined to have been either lacking or insufficient to cope with the event.

The SIT reviewed the licensee's plans and actions for assessing the impact that the event had on the SSCs at CNP-1. The SIT held discussions with site engineering staff, reviewed licensee action plans for evaluating the condition of SSCs in the turbine building, reviewed in-process results from the licensee's reviews, and evaluated the methods for tracking identified deficiencies.

The SIT noted that the licensee developed an action plan to assess the impact of the event on plant systems. The action plan was broken down by discipline (e.g., structural integrity

(civil engineering), piping integrity, and electrical), and the turbine building was inspected by dividing it into areas using preexisting structural column designations. The corrective action program was used to track identified deficiencies. The licensee response letter dated May 12, 2009 (ADAMS Accession No. ML091420327), contains specific details of the inspection findings.

In an effort to quantify the magnitude of the vibration, the SIT discussed with the licensee the response of the site's seismic monitoring equipment. As described in Section 2.5 of the Updated Final Safety Analysis Report (UFSAR), a ground acceleration of 0.2g (acceleration equivalent to 20 percent of that caused by the force of gravity) is assumed in the design of SSCs required to safely shut down the reactor and for the operability of engineered safety features systems following an SSE. Other major plant structures are designed for a maximum horizontal ground acceleration of 0.10g, that of the operating-basis earthquake (OBE). Two types of seismic monitoring equipment are available: (1) a recorder with a trip setpoint to turn the unit on and (2) peak recording accelerographs (tape plates/scratch gauges), which are passive devices without setpoints. A seismic event at 0.02g, in either the horizontal or vertical direction, triggers the recording devices. The licensee indicated that the recording devices did not start during the event, thus indicating that the vibration levels did not exceed 0.02g and, therefore, never approached the seismic levels of either the OBE or the SSE. The licensee response letter further discusses the design and operation of the seismic monitoring equipment.

Licensee Response Letter

In a letter dated May 12, 2009 (ADAMS Accession No. ML091420327), the licensee responded to the petitioner's requests for information.

In response to item (1), the licensee noted that vibration levels experienced in the control room, turbine building, and other structures were not measured or recorded during the event.

The seismic triggers are actuated at a setpoint of 0.02g. One seismic trigger is located in a block house in the 345-kilovolt switchyard, located several hundred yards from the turbine building. The other seismic trigger is located in the bottom of the CNP-1 containment. Since neither seismic trigger activated, the recording equipment of the seismic instrumentation system did not actuate.

The licensee provided information regarding peak acceleration or peak displacement recorders installed on selected structures throughout the plant to aid in the characterization of a seismic event. None of these recorders are located in the turbine building and they do not have a means of recording the time of the disturbance; therefore, the licensee stated that the recorders would not be expected to provide any characterization of vibration levels experienced during the event.

Based on this information, the licensee concluded that the ground acceleration at the containment building was below 0.02g.

In response to item (2), the licensee noted that in Section 2.5 of the CNP UFSAR, a ground acceleration of 0.20g is assumed in the design of SSCs required to safely shut down the reactor and for the operability of engineered safety features systems. Other major structures are designed for a maximum horizontal ground acceleration of 0.10g.

Based on this information and the response to item (1) above, the magnitude of vibration resulting from this event was clearly below the threshold actuation setpoint for seismic instrumentation located in other structures. Therefore, the level of vibration experienced by these structures is lower than design basis accelerations.

In response to item (3), the licensee noted that there was no evidence that the vibration levels experienced by safety-related SSCs during the event exceeded those assumed for the SSE.

The licensee's assessment team evaluated the damage associated with the event. The team performed extensive inspections of the turbine building structures and equipment. The assessment team concluded that the event did not degrade the structural elements of the turbine building. The event did result in significant damage to the main turbine rotors and bearings, as well as the turbine casing and hoods, and in localized damage to the concrete and grout of the main turbine foundation in areas that interface with the turbine hoods. The licensee stated that it would complete repairs to these structures before returning CNP-1 to service.

In response to item (4), the licensee concluded that spurious equipment operation occurring during the event was directly attributable to the vibrations associated with the main turbine failure. The only equipment that operated spuriously was associated with balance-of-plant systems and not with functions required to ensure public health and safety. Plant systems necessary to shut down the unit and remove decay heat operated as designed.

Based on this information, the licensee concluded that the condition of SSCs will not pose a hazard to public health and safety in the event of an SSE following the return to service of CNP-1.

Regulatory Evaluation

The NRC staff reviewed the petitioner's request for specific information from the licensee relating to the main turbine vibration event. The staff also reviewed the licensee's response to the four items identified in the petition. In its clarification of the first item, the petitioner requested a value for the vibration levels experienced in the control room and turbine building during the event. The assertion is that the turbine building and control room structures are physically attached to other structures. The staff notes that this assertion is inaccurate because the turbine building does not have a common foundation with other structures. There is a physical gap (i.e., rattle-space) between the turbine building and adjacent structures, so that the buildings will not affect each other if lateral sway occurs during a design-basis seismic event.

Although steamline piping is connected to the turbine building, the ability of this piping to transmit major vibrations from the turbine building to adjacent buildings is fairly limited, because of its stiffness and mass characteristics, compared to the connected structure. Without a common foundation between the turbine building and another structure, the only mode for transmitting major vibration would be through the soil medium. Since none of the seismic monitors were activated during the event, it is evident that the vibration traveling through the soil was of such low magnitude that it did not challenge the design basis or affect the safety function of any plant safety-related equipment.

The NRC staff viewed the impact of the turbine vibration on adjacent safety-related structures as having minimal effect, but this should not be construed as implying that the vibration level experienced by the turbine building and equipment located inside the turbine building was insignificant. The magnitude of the vibration imparted on the turbine building as a result of the event is unquantifiable and cannot be correlated to a postulated seismic design-basis event. Therefore, a realistic quantification of the magnitude of vibration from the event can only be inferred from the damage observed by the assessment team; this is discussed in the licensee's letter responding to the petitioner's request.

Considering the findings resulting from the licensee assessment team's extensive inspection, in addition to those of the NRC special inspection and followup inspections, the staff concludes that the concerns in the petitioner's request are not credible for two reasons. First, the petitioner made an erroneous assumption in quantifying the magnitude of vibration from the event by presuming that seismic monitoring instrumentation is present in all the affected buildings. Secondly, the petitioner incorrectly assumed that the turbine and control buildings are physically connected to other safety-related structures, and that these structures and their housed equipment may have experienced vibration levels approaching the design basis SSE for the plant.

III. Conclusion

The petitioner raised potential safety concerns related to the September 20, 2008, main turbine failure at CNP-1. The petitioner requested that the licensee address concerns related to actual or potential seismic issues resulting from the excessive vibration experienced during the event. The petitioner asked that the licensee respond to specific concerns related to the plant's future ability to operate safely as a result of the event, and that the response be docketed at least 30 days before restart. The licensee voluntarily provided a response that has been docketed and made publicly available.

The NRC technical staff reviewed the licensee's response and other docketed information associated with the event. The NRC staff concludes that public health and safety were not affected by the event, nor would they be affected by a similar event in the future. Furthermore, the NRC has found the licensee's event response and corrective actions to be reasonable and technically sound.

Based on the above, the Office of Nuclear Reactor Regulation has concluded that future operation of CNP-1 provides reasonable assurance of the continued protection of public health and safety. There were no violations associated with the event. The licensee's corrective actions in response to the event appear appropriate. No further action is required.

As provided in 10 CFR 2.206(c), the staff will file a copy of this director's decision with the Secretary of the Commission for the Commission to review. As provided for by this regulation, the decision will constitute the final action of the Commission 25 days after the date of the decision unless the Commission, on its own motion, institutes a review of the decision within that time.

Dated at Rockville, Maryland, this 4th day of September 2009.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is written in a cursive style with a large initial "E" and "L".

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

ENCLOSURE 2

NOTICE OF ISSUANCE OF
DIRECTOR'S DECISION UNDER 10 CFR 2.206

U.S. NUCLEAR REGULATORY COMMISSIONDOCKET NO. 50-315LICENSE NO. DPR-058INDIANA MICHIGAN POWER COMPANYDONALD C. COOK NUCLEAR PLANT, UNIT 1NOTICE OF ISSUANCE OF DIRECTOR'S DECISION UNDER 10 CFR 2.206

Notice is hereby given that the Director, Office of Nuclear Reactor Regulation, has issued a director's decision with regard to a petition dated December 16, 2008, filed on behalf of the Union of Concerned Scientists (UCS) by Mr. David Lochbaum, hereinafter referred to as the "petitioner." In a letter dated February 2, 2009, Mr. Lochbaum designated Dr. Edwin Lyman as the petitioner and new point of contact for UCS. The petition concerns the safe future operation of Indiana Michigan Power Company's (the licensee) Donald C. Cook Nuclear Power Plant, Unit 1 (CNP-1).

The petition requested that the U.S. Nuclear Regulatory Commission (NRC) issue a demand for information requiring the licensee to docket information on four issues described below at least 30 days before restarting CNP-1 from the current outage.

As the basis for the December 16, 2008, request, the petitioner raised concerns stemming from the significant vibration resulting from the failure of the CNP-1 main turbine on September 20, 2008. Specifically, the petitioner stated that the event caused significant vibration levels that resulted in the spurious operation of standby equipment and may have contributed to a breach that seriously impaired the fire protection system. The petitioner requested the information, in part, to ensure that the licensee had applied the proper lessons learned from the event to the future operation of the CNP-1 reactor. The petitioner further stated that without this information, the NRC could not be assured that the public was

adequately protected from the significant adverse safety implications resulting from a safe shutdown earthquake event that causes the spurious actuation of equipment.

On January 21, 2009, the NRC Petition Review Board (PRB) convened to discuss the petition under consideration and determined that it met the criteria established in NRC Management Directive 8.11, "Review Process for 10 CFR 2.206 Petitions," dated October 25, 2000, for acceptance into the process under Title 10 of the *Code of Federal Regulations* (10 CFR) 2.206, "Requests for action under this subpart." On January 27, 2009, the NRC staff discussed this conclusion with the petitioner during a telephone conversation. The petitioner stated during this conversation that he would not need a public meeting to address the PRB.

The NRC sent a copy of the proposed director's decision to the petitioner and the licensee for comment on July 2, 2009. The staff did not receive any comments on the proposed director's decision.

The Director of the Office of Nuclear Reactor Regulation has determined that the agency should deny the request that the NRC issue a demand for information requiring Indiana Michigan Power Company to docket information on four issues at least 30 days before restarting CNP-1 from the current outage. The director's decision, DD-09-02, explains the reasons for this decision pursuant to 10 CFR 2.206. The complete text of the decision is available in the Agencywide Documents Access and Management System (ADAMS) Electronic Reading Room on the NRC's Web site, <http://www.nrc.gov/reading-rm/adams.html>, and for inspection at the Commission's Public Document Room, located at One White Flint North, Public File Area O1 F21, 11555 Rockville Pike (first floor), Rockville, Maryland.

In a letter dated May 12, 2009, the licensee provided a response to the petitioner's request for information. The NRC technical staff reviewed the licensee's response and other

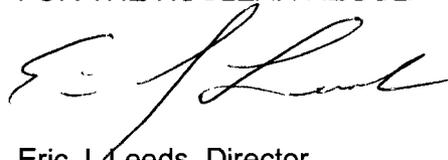
docketed information associated with the event. The NRC staff has concluded that public health and safety were not affected by the event, nor would they be affected by a similar event in the future. Furthermore, the NRC has found the licensee's event response and corrective actions to be reasonable and technically sound.

Based on the above, the Office of Nuclear Reactor Regulation has concluded that future operation of CNP-1 provides reasonable assurance of the continued protection of public health and safety. There were no violations associated with the event. The licensee's corrective actions in response to the event appear appropriate. No further action is required.

In accordance with 10 CFR 2.206 of the Commission's regulations, the staff will file a copy of the director's decision with the Secretary of the Commission for the Commission's review. As provided for by this regulation, the director's decision will constitute the final action of the Commission 25 days after the date of the decision, unless the Commission, on its own motion, institutes a review of the director's decision within that time.

Dated at Rockville, Maryland, this 4th day of September 2009.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in black ink, appearing to read "Eric J. Leeds". The signature is fluid and cursive, with a large initial "E" and "L".

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

E. Lyman

- 3 -

The NRC staff appreciates the effort of UCS in bringing the issues discussed in the petition to the attention of the agency. Please feel free to contact Terry Beltz, the petition manager, at (301) 415-3049 to discuss any questions related to this petition.

Sincerely,

/RA/

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation

Docket No. 50-315

Enclosures:

1. Director's Decision 09-02
2. Federal Register Notice

cc: Listserv

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RidsOgcRp Resource

RidsNrrMailCenter Resource

RidsRgn3MailCenter Resource

NRRWebService Resource [DD only]

H. Chang, ADM [DD and Headnotes]

E. Julian, SECY

T. Mensah, NRR 2.206 Coordinator

Package: ML092290828

Incoming:

2.206 Petition Request: ML083640201

Letter – Revised Contact: ML090370688

Director's Decision:

Letter: ML092230025

Enclosure 1: 2.206 Final Director's Decision ML092230012

Enclosure 2: 2.206 FRN of Issuance ML092230019

* concurrence via e-mail

OFFICE	DORL/LPL3-1/PM	DORL/LPL3-1/LA	Tech Editor	DPR/PSPB	RIII/DRP/PB6/BC
NAME	TBeltz	THarris	KAzariah-Kribbs *	TMensah *	JCameron *
DATE	08/17/09	08/14/09	08/12/09	08/11/09	08/11/09
OFFICE	DORL/LPL3-1/BC	DPR/DD	OGC/MLE	DORL/D	NRR/D
NAME	LJames	TBlount	CMarco (KSexton for)	JGitter	ELeeds
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