

May 18, 2006

LICENSEE: Indiana Michigan Power Company (I&M)

FACILITY: Donald C. Cook Nuclear Power Plant, Units 1 and 2

SUBJECT: SUMMARY OF MEETING TO DISCUSS IMPLEMENTATION OF DEGRADED VOLTAGE PROTECTION BACKFIT (TAC NOS. MD0022 AND MD0023)

On May 10, 2006, the Nuclear Regulatory Commission (NRC) staff met with I&M personnel to discuss its proposed implementation of the backfit of degraded voltage protection. The backfit was imposed by a letter, C. Haney (NRC) to M. K. Nazar (I&M) dated November 9, 2005. The licensee responded by a letter dated February 8, 2006.

Enclosure 1 is the list of meeting participants and observers. Enclosure 2 is the licensee's handout, and is now available at NRC's Agencywide Documents Access and Management System (ADAMS), Accession No. ML061310037. Participants discussed the following items:

- (1) The NRC staff was concerned about the two refueling cycles needed for each unit to complete the requirements of the backfit. The license was asked to manage its schedule such that the corrective actions are completed no later than 2008.
- (2) The NRC staff expressed concern that the licensee's proposed interim compensatory measures did not include plant data to verify entry into degraded voltage conditions and recovery within acceptable time limits. The licensee agreed to look into the available computer data points for addressing this issue.
- (3) The licensee was advised to expeditiously request approval of licensing basis changes via the amendment process should the licensee determine the need for such during its evaluation using provisions of 10 CFR 50.59.

Participants agreed to hold the next meeting as soon as the licensee had selected the option for the backfit.

\RA

Peter S. Tam, Senior Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

Enclosure:
As stated

cc w/encl: See next page

May 18, 2006

LICENSEE: Indiana Michigan Power Company (I&M)

FACILITY: Donald C. Cook Nuclear Power Plant, Units 1 and 2

SUBJECT: SUMMARY OF MEETING TO DISCUSS IMPLEMENTATION OF DEGRADED VOLTAGE PROTECTION BACKFIT (TAC NOS. MD0022 AND MD0023)

On May 10, 2006, the Nuclear Regulatory Commission (NRC) staff met with I&M personnel to discuss its proposed implementation of the backfit of degraded voltage protection. The backfit was imposed by a letter, C. Haney (NRC) to M. K. Nazar (I&M) dated November 9, 2005. The licensee responded by a letter dated February 8, 2006.

Enclosure 1 is the list of meeting participants and observers. Enclosure 2 is the licensee's handout, and is now available at NRC's Agencywide Documents Access and Management System (ADAMS), Accession No. ML061310037. Participants discussed the following items:

- (1) The NRC staff was concerned about the two refueling cycles needed for each unit to complete the requirements of the backfit. The license was asked to manage its schedule such that the corrective actions are completed no later than 2008.
- (2) The NRC staff expressed concern that the licensee's proposed interim compensatory measures did not include plant data to verify entry into degraded voltage conditions and recovery within acceptable time limits. The licensee agreed to look into the available computer data points for addressing this issue.
- (3) The licensee was advised to expeditiously request approval of licensing basis changes via the amendment process should the licensee determine the need for such during its evaluation using provisions of 10 CFR 50.59.

Participants agreed to hold the next meeting as soon as the licensee had selected the option for the backfit.

IRA

Peter S. Tam, Senior Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-315 and 50-316

Enclosure:
As stated

cc w/encl: See next page

DISTRIBUTION: with Enclosures 1 and 2

PUBLIC LPL3-1 R/F

DISTRIBUTION: with Enclosure 1

RidsNrrDorLp3-1 RidsNrrPMPTam RidsNrrLATHarris RidsRgn3MailCenter
RidsAcrsAcnwMailCenter RidsNrrDorl JDixon-Herrity, RIII RidsOgcRp
JLara, RIII TKoshi AGill KCorp
RJasinski

ADAMS Accession Number: **ML061350112** (Package)

ADAMS Accession Number: **ML061320045** (Meeting Summary & Enclosure 1)

ADAMS Accession Number: **ML061310037** (Enclosure 2)

OFFICE	LPL3-1/PM	LPL3-1/LA	EEEE/BC	Region III/BC	LPL3-1/BC
NAME	PTam	THarris	GWilson	JLara (by e-mail)	LRaghavan
DATE	5/16/06	5/15/06	5/16/06	5/16/06	5/18/06

OFFICIAL RECORD COPY

LIST OF PARTICIPANTS AND OBSERVERS

**MEETING TO DISCUSS D. C. COOK NUCLEAR PLANT, UNITS 1 AND 2
IMPLEMENTATION OF DEGRADED VOLTAGE PROTECTION BACKFIT**

May 10, 2006

NRC

K. Corp, Electrical Engineering Branch (EEEEB)

A. (Paul) Gill, EEEB

E. Imbro, Division of Engineering

T. Koshy, EEEB

J. Lara, Region III (participated by telephone)

L. Raghavan, Plant Licensing Branch III-1 (LPLIII-1)

P. Tam, LPLIII-1

G. Wilson, EEEB

INDIANA MICHIGAN POWER COMPANY

G. Kilpatrick

M. Scarpello

P. Schoepf

MCGRAW-HILL NUCLEAR PUBLICATIONS

D. Horner

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
Suite 210
2443 Warrenville Road
Lisle, IL 60532-4351

Attorney General
Department of Attorney General
525 West Ottawa Street
Lansing, MI 48913

Township Supervisor
Lake Township Hall
P.O. Box 818
Bridgman, MI 49106

U.S. Nuclear Regulatory Commission
Resident Inspector's Office
7700 Red Arrow Highway
Stevensville, MI 49127

James M. Petro, Jr., Esquire
Indiana Michigan Power Company
One Cook Place
Bridgman, MI 49106

Mayor, City of Bridgman
P.O. Box 366
Bridgman, MI 49106

Special Assistant to the Governor
Room 1 - State Capitol
Lansing, MI 48909

Mr. John A. Zwolinski
Safety Assurance Director
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

Michigan Department of Environmental
Quality
Waste and Hazardous Materials Div.
Hazardous Waste & Radiological
Protection Section
Nuclear Facilities Unit
Constitution Hall, Lower-Level North
525 West Allegan Street
P. O. Box 30241
Lansing, MI 48909-7741

Lawrence J. Weber, Plant Manager
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

Mr. Joseph N. Jensen, Site Vice President
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106

Mr. Mano K. Nazar
Senior Vice President and
Chief Nuclear Officer
Indiana Michigan Power Company
Nuclear Generation Group
One Cook Place
Bridgman, MI 49106