

June 1, 2004

LICENSEE: Indiana Michigan Power Company
FACILITY: Donald C. Cook Nuclear Plant, Units 1 and 2
SUBJECT: SUMMARY OF TELEPHONE CONFERENCE ON MAY 6, 2004, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) AND INDIANA MICHIGAN POWER COMPANY (I&M) REPRESENTATIVES CONCERNING DRAFT REQUESTS FOR ADDITIONAL INFORMATION ON DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION (TAC NOS. MC1202 AND MC1203)

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Indiana Michigan Power Company (the applicant) held a telephone conference call on May 6, 2004, to discuss a draft request for additional information (D-RAI) concerning the Donald C. Cook Nuclear Plant (CNP) license renewal application (LRA).

The conference call was useful in clarifying the intent of the staff's question. On the basis of the discussions, the applicant was able to better understand the staff's D-RAI. No staff decisions were made during the meeting.

Enclosure 1 provides a listing of the telephone conference participants. Enclosure 2 contains the D-RAI discussed with the applicant, including a brief description on the status of the item. The applicant has had an opportunity to review and comment on this summary.

/RA/

Jonathan Rowley, Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-315 and 50-316

Enclosures: As stated

cc w/enclosures: See next page

June 1, 2004

LICENSEE: Indiana Michigan Power Company

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

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE ON MAY 6, 2004, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION (NRC) AND INDIANA MICHIGAN POWER COMPANY (I&M) REPRESENTATIVES CONCERNING DRAFT REQUESTS FOR ADDITIONAL INFORMATION ON DONALD C. COOK NUCLEAR PLANT, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION (TAC NOS. MC1202 AND MC1203)

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Indiana Michigan Power Company (the applicant) held a telephone conference call on May 6, 2004, to discuss a draft request for additional information (D-RAI) concerning the Donald C. Cook Nuclear Plant (CNP) license renewal application (LRA).

The conference call was useful in clarifying the intent of the staff's question. On the basis of the discussions, the applicant was able to better understand the staff's D-RAI. No staff decisions were made during the meeting.

Enclosure 1 provides a listing of the telephone conference participants. Enclosure 2 contains the D-RAI discussed with the applicant, including a brief description on the status of the item. The applicant has had an opportunity to review and comment on this summary.

/RA/

Jonathan Rowley, Project Manager
License Renewal Section A
License Renewal and Environmental Impacts Program
Division of Regulatory Improvement Programs
Office of Nuclear Reactor Regulation

Docket Nos.: 50-315 and 50-316

Enclosures: As stated

cc w/enclosures: See next page

DISTRIBUTION:

See next page

Document Name:C:\ORPCheckout\FileNET\ML041530472.wpd

Accession No: ML041530472

OFFICE	PM:RLEP	LA:RLEP	SC:RLEP
NAME	JRowley	MJenkins	SLee
DATE	06/1/04	06/1/04	06/1/04

OFFICIAL RECORD COPY

DISTRIBUTION: Dated: June 1, 2004 Accession No: ML041530472

HARD COPY

RLEP RF
J. Rowley (PM)

E-MAIL:

RidsNrrDrip
RidsNrrDe
G. Bagchi
K. Manoly
W. Bateman
J. Calvo
R. Jenkins
P. Shemanski
J. Fair
RidsNrrDssa
RidsNrrDipm
D. Thatcher
R. Pettis
C. Li
M. Itzkowitz (RidsOgcMailCenter)
R. Weisman
M. Mayfield
A. Murphy
S. Smith (srs3)
S. Duraiswamy
Y. L. (Renee) Li
RLEP Staff

R. Gramm
A. Howell
J. Stang
J. Strasma, RIII
M. Kotzalas
OPA
NRR/ADPT secretary (RidsNrrAdpt)

**LIST OF PARTICIPANTS FOR TELEPHONE CONFERENCE CONCERNING
DRAFT REQUESTS FOR ADDITIONAL INFORMATION MAY 6, 2004**

Participants

Jonathan Rowley
John Fair
Neil Haggerty
Bob Kalinowski
Richard Gumbir
Mark Rinckel

Affiliation

U.S. Nuclear Regulatory Commission (NRC)
NRC
Indiana Michigan Power Company (I&M)
I&M
I&M
Framatome*

*I&M contractor

**DRAFT REQUEST FOR ADDITIONAL INFORMATION (D-RAI) DISCUSSED FOR
DONALD C. COOK (CNP), UNITS 1 AND 2, LICENSE RENEWAL
DURING MAY 6, 2004 TELEPHONE CONFERENCE**

Donald C. Cook LRA Section 4.3, "METAL FATIGUE"

D-RAI 4.3.3-1

Section 4.3.3 of the LRA discusses I&M's evaluation of the impact of the reactor water environment on the fatigue life of components. The discussion references the fatigue sensitive component locations for an early vintage Westinghouse plant identified in NUREG/CR-6260, "Application of NUREG/CR-5999 Interim Fatigue Curves to Selected Nuclear Power Plant Components." The LRA indicates that the design usage factors provided in Table 5-98 of NUREG/CR-6260 were used for the evaluation of the charging nozzle, safety injection nozzle and RHR tee. The design usage factors were based on an evaluation of the Turkey Point facility, including a plant specific evaluation of the RHR piping and detailed finite element analyses of the charging and safety injection nozzles. Discuss the applicability of these analyses to the D. C. Cook facility. The discussion should include a comparison of piping sizes and thicknesses, including the design of the thermal sleeves between D. C. Cook and Turkey Point. The discussion should also include a comparison of the number and type of design transients cycles between D. C. Cook and Turkey Point.

Status: I&M was requested to consider the safety evaluations for Surry and North Anna to aid in the response to this D-RAI. I&M indicated that the question was clear.

Donald C. Cook Nuclear Plant, Units 1 and 2

cc:

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 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

David W. Jenkins, 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
Director, Design Engineering and
Regulatory Affairs
Indiana Michigan Power Company
Nuclear Generation Group
500 Circle Drive
Buchanan, MI 49107

David A. Lochbaum
Nuclear Safety Engineer
Union of Concern Scientists
1707 H Street NW, Suite 600
Washington, DC 20036

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

Michael J. Finissi, 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. Fred Emerson
Nuclear Energy Institute
1776 I Street, N.W., Suite 400
Washington, DC 20006-3708

Richard J. Grumbir
Project Manager, License Renewal
Indiana Michigan Power Company
Nuclear Generation Group
500 Circle Drive
Buchanan, MI 49107

Mr. Mano K. Nazar
American Electric Power
Senior Vice President and Chief Nuclear
Officer
Indiana Michigan Power Company
Nuclear Generation Group
500 Circle Drive
Buchanan, MI 49107