

June 12, 1984

Docket No. 50-315
and 50-316

DISTRIBUTION:

Docket File

L PDR
D Eisenhut
D Wigginton
OELD
J Taylor
ACRS (10)
C Miles, OPA
SECY

NRC PDR
ORB #1 Rdg.
ORAB
C Parrish
E Jordan
T Barnhardt (8)
R Diggs
Gray File (4)
D Crutchfield

Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
c/o American Electric Power Service Corporation
1 Riverside Plaza
Columbus, Ohio 43216

Dear Mr. Dolan:

SUBJECT: ISSUANCE OF ORDER CONFIRMING LICENSEE COMMITMENTS
ON EMERGENCY RESPONSE CAPABILITY

The Commission has issued the enclosed Order confirming your commitments on emergency response capability for the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2. This Order is based on your letters dated April 15, 1983, August 2, 1983, January 30, 1984, and February 10, 1984.

A copy of this Order is being filed with the Office of the Federal Register for publication.

Sincerely,

/s/SVarga

Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Enclosure:
As stated above

cc w/enclosure:
See attached list

ORB #1 *CP*
CParrish/jm
2/15/84

ORB #1 *DW*
DWigginton
2/15/84

ORB #1 ** see previous concurrences*
SVarga
XXXXXXXXXX
8/23/84

ORB #5
DCrutchfield
XXXXXXXXXX
8/29/83

AD:DL*
GLainas
XXXXXXXXXX
8/30/83

*OELD
XXXXXXXXXX
9/13/83

D:DL
Eisenhut
2/12/84

8406280072 840612
PDR ADDCK 05000315
F PDR

DISTRIBUTION

Docket File
NRC PDR
Local PDR
ORB 1 File
D. Eisenhut
ORAB
C. Parrish
D. Wigginton
OELD, Lieberman
E. Jordan
T. Barnhart (8)
ACRS (10)
OPA, C. Miles
NSIC
J. Taylor
SECY w/trans form
R. Diggs
D. Crutchfield

Docket Nos. 50-315
and 50-316

Mr. John Dolan, Vice President
Indiana and Michigan Electric Company
c/o American Electric Power Service Corporation
1 Riverside Plaza
Columbus, Ohio 43216

Dear Mr. Dolan:

SUBJECT: ISSUANCE OF ORDER CONFIRMING LICENSEE COMMITMENTS ON EMERGENCY
RESPONSE CAPABILITY

The Commission has issued the enclosed Order confirming your commitments on
emergency response capability for the Donald C. Cook Nuclear Plant, Unit
Nos. 1 and 2. This Order is based on your letters dated April 15, 1983
and August 2, 1983, committing to the actions specified in the Order.

A copy of this Order is being filed with the Office of the Federal Register
for publication.

Sincerely,

Steven A. Varga, Chief
Operating Reactors Branch No. 1
Division of Licensing

Enclosure:
Order

cc w/enclosure:
See next page

*no legend objection
see [signature]
no legend obj. subject
C. Miles for S. Lieberman*

OFFICE	ORB 1 C. Parrish	ORB 1 D. Wigginton/rs	ORB 1 S. Varga	ORB 5 D. Crutchfield	AD:OR:DL G. LaRas	OELD to correctives Lieberman	D:DL D. Eisenhut
SURNAME	Parrish	Wigginton	Varga	Crutchfield	LaRas	Lieberman	Eisenhut
DATE	8/13/83	8/13/83	8/13/83	8/14/83	8/30/83	8/13/83	8/ /83

Indiana and Michigan Electric Company

Donald C. Cook Nuclear
Plant, Units 1 and 2

cc: Mr. M. P. Alexich
Vice President
Nuclear Engineering
American Electric Power Service
Corporation
1 Riverside Plaza
Columbus, Ohio 43215

Mr. William R. Rustem (2)
Office of the Governor
Room 1 - Capitol Building
Lansing, Michigan 48913

Mr. Wade Schuler, Supervisor
Lake Township
Baroda, Michigan 49101

W. G. Smith, Jr., Plant Manager
Donald C. Cook Nuclear Plant
Post Office Box 458
Bridgman, Michigan 49106

U.S. Nuclear Regulatory Commission
Resident Inspectors Office
7700 Red Arrow Highway
Stevensville, Michigan 49127

Gerald Charnoff, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N.W.
Washington, DC 20036

Honorable Jim Catania, Mayor
City of Bridgman, Michigan 49106

U.S. Environmental Protection Agency
Region V Office
ATTN: EIS COORDINATOR
230 South Dearborn Street
Chicago, IL 60604

Maurice S. Reizen, M.D.
Director
Department of Public Health
Post Office Box 30035
Lansing, Michigan 48109

The Honorable Tom Corcoran
United States House of Representatives
Washington, DC 20515

James G. Keppler
Regional Administrator - Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

J. Feinstein
American Electric Power Service
1 Riverside Plaza
Columbus, Ohio 43216

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

INDIANA AND MICHIGAN ELECTRIC
COMPANY

(Donald C. Cook Nuclear Plant
Unit Nos. 1 and 2)

)
)
)
)
)

Docket Nos. 50-315
and 50-316

ORDER CONFIRMING LICENSEE COMMITMENTS
ON EMERGENCY RESPONSE CAPABILITY

I.

Indiana and Michigan Electric Company (IMEC) (the licensee) is the holder of Facility Operating Licenses No. DPR-58 and DPR-74 which authorizes the operation of the Donald C. Cook Nuclear Plant Unit Nos. 1 and 2 (the facilities). The facilities are pressurized water reactors (PWRs) located in Berrien County, Michigan.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the

accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modifications, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

III.

IMEC responded to Generic Letter 82-33 by letter dated April 15, 1983. By letters dated August 2, 1983, January 30, 1984, and February 10, 1984, IMEC provided additional information and dates as a result of negotiations with the NRC staff. In these submittals, IMEC made commitments to complete the basic requirements by providing either a completion date for the item or an intermediate date for providing a commitment to a completion date. The

intermediate dates (status dates) are based on IMEC target completion dates for the item. The attached Table summarizing IMEC schedular commitments or status was developed by the NRC staff from the Generic Letter and the information provided by IMEC.

IMEC commitments include (1) dates for providing required submittal to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements. These latter implementation dates will be reviewed, negotiated and confirmed by a subsequent order.

The NRC staff reviewed IMEC's April 15, 1983 letter and entered into negotiations with the licensee regarding schedules for meeting the requirements of Supplement 1 to NUREG-0737. As a result of these negotiations, the licensee provided additional information and dates by letters dated August 2, 1983, January 30, 1984, and February 10, 1984. The NRC staff finds that the target dates are reasonable, achievable dates for meeting the Commission requirements and that the intermediate dates (status dates) which are based on the schedules for the target dates are, therefore, also acceptable. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of IMEC's commitments are required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective order.

IV.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT the licensee shall:

Implement the specific items described in the Attachment to this Order in the manner described in IMEC's submittals noted in Section III herein no later than the dates in the Attachment.

Extensions of time for completing these items may be granted by the Director, Division of Licensing, for good cause shown.

V.

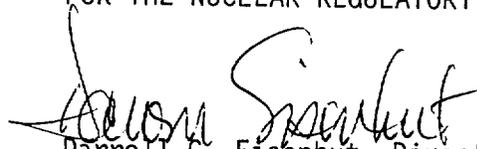
The licensee may request a hearing on this Order within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should also be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.

If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section IV of this Order.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland,
this 12th day of June 1984.

Attachment:
Licensee's Commitments on
Requirements Specified in
Supplement 1 to NUREG-0737

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENT	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
1. Safety Parameter Display System (SPDS)	1a. Submit a safety analysis and an implementation plan to the NRC.	Complete
	1b. SPDS fully operational and operators trained.	Provide completion date by April 1985
2. Detailed Control Room Design Review (DCRDR)	2a. Submit a program plan to the NRC.	Complete
	2b. Submit a summary report to the NRC including a proposed schedule for implementation.	Provide completion date by September 1984
3. Regulatory Guide 1.97 - Application to Emergency Response Facilities	3a. Submit a report to the NRC describing how the requirements of Supplement 1 to NUREG-0737 have been or will be met.	February 1985
	3b. Implement (installation or upgrade) requirements.	Provide completion date by February 1985

LICENSEE'S COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

<u>TITLE</u>	<u>REQUIREMENT</u>	<u>LICENSEE'S COMPLETION SCHEDULE (OR STATUS)</u>
4. Upgrade Emergency Operating Procedures (EOPs)	4a. Submit a Procedures Generation Package to the NRC:	September, 1984
	4b. Implement the upgraded EOPs.	December, 1985
5. Emergency Response Facilities	5a. Technical Support Center fully functional.	Provide completion date by April 1985
	5b. Operational Support Center fully functional.	Provide completion date by April 1985
	5c. Emergency Operations Facility fully functional.	Provide completion date by April 1985