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 FACIL: 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 DOLAN, J. E. Indiana & Michigan Power Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation

SUBJECT: Notifies that review of Westinghouse fracture mechanics analysis verifies acceptability of reactor operation beyond four effective full years. Review serves as additional justification for use of installed Barton transmitters.

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THE NATIONAL BUREAU OF INVESTIGATION
UNITED STATES DEPARTMENT OF JUSTICE
WASHINGTON, D. C. 20535

TO : DIRECTOR, FBI (100-388610)
FROM : SAC, NEW YORK (100-100000) (P)
SUBJECT: [REDACTED]

RE: NEW YORK TELETYPE TO BUREAU, APRIL 1, 1964.

Enclosed for the Bureau are two copies of a letterhead memorandum (LHM) dated and captioned as above. The LHM contains information received from the New York Office regarding the activities of [REDACTED] and [REDACTED] in the New York area. The LHM also contains information regarding the activities of [REDACTED] in the New York area. The LHM is being furnished to the Bureau for information and for the Bureau's use in the conduct of its investigation.

INDIANA & MICHIGAN POWER COMPANY

P. O. BOX 18
BOWLING GREEN STATION
NEW YORK, N. Y. 10004

August 30, 1979
AEP:NRC:00192

Donald C. Cook Nuclear Plant Unit 2
Docket No. 50-316
License No. DPR-74
Supplement to AEP:NRC:00075

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Reference: AEP:NRC:00075
 Dated August 18, 1978

Dear Mr. Denton:

In the attachment to our above referenced letter we presented additional justification for continued operation of Unit 2 of the Donald C. Cook Nuclear Plant with the installed Barton transmitters. The argument used was based on a Westinghouse performed fracture mechanics analysis that insured reactor vessel integrity at the safety valve setpoint for in excess of one effective full power year. This period of time was then assumed to be sufficient to resolve the issue of environmental inaccuracies of the transmitters.

On May 15, 1979 the NRC Staff completed the review of the environmental qualification results and determined that additional testing would be required to demonstrate the adequacy of the transmitters during long term post accident cooling. Westinghouse Electric Corporation, in their letter No. NS-TMA-2103 dated June 21, 1979, provided a schedule to the commission indicating that the results of the required additional tests will be submitted by September 1979. It is our understanding that the Westinghouse Electric Corporation has already completed the supplemental test for lot 1 and lot 2 transmitters and that tests reports are being drafted.

*Acc
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Mr. Harold R. Denton, Director

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AEP:NRC:00192

In light of the above and of the fact that one effective full power year of operation will be reached approximately during the third week of September, we requested the Westinghouse Electric Corporation to review the fracture mechanics analysis for the reactor vessel for its application and validity for time periods beyond one effective full power year. In response to this request Westinghouse Electric Corporation has completed their review and advised us that the results of the said analysis remain indeed acceptable for a period up to and beyond four effective full power years of operation.

Very truly yours,

John E. Dolan
John E. Dolan
Vice President

JED:em

Sworn and subscribed to before me
this ~~30th~~ day of August, 1979 in
New York County, New York

Kathleen Barry
Notary Public

KATHLEEN BARRY
NOTARY PUBLIC, State of New York
No. 41-4606292
Qualified in Queens County
Certificate filed in New York County
Commission expires March 30, 1981

cc: R. C. Callen
G. Charnoff
W. Sugnet - Westinghouse
D. V. Shaller - Bridgman
R. S. Hunter
R. W. Jurgensen

