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 FACIL: ~~50-315~~ Donald C. Cook Nuclear Power Plant, unit 1, Indiana & 05000315  
~~50-316~~ Donald C. Cook Nuclear Power Plant, unit 2, Indiana & 05000316  
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 MALONEY, G.P. Indiana & Michigan Power Co.  
 RECIP. NAME: RECIPIENT AFFILIATION  
 DENTON, H.R. Office of Nuclear Reactor Regulation

SUBJECT: Requests extension to 800901 to complete analytical evaluation of effects of certain postulated break loads on RCS & internals, phase C.

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# INDIANA & MICHIGAN POWER COMPANY

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NEW YORK, N. Y. 10004

September 26, 1979  
AEP:NRC:00137

Donald C. Cook Nuclear Plant Units 1 and 2  
Docket Nos. 50-315 and 50-316  
License Nos. DPR-58 and DPR-74

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

- REFERENCES: (1) Letter from Mr. Victor Stello, Jr. of NRC to Indiana & Michigan Electric Company, dated January 25, 1978
- (2) Letter from Mr. J. A. Tillinghast to Mr. E. G. Case, NRC, dated March 8, 1978
- (3) Letter from Mr. J. A. Tillinghast to Mr. E. G. Case, NRC, dated May 15, 1978

Dear Mr. Denton:

This letter is in reference to condition C.3(a) to the operating license for Unit 2 of the Donald C. Cook Nuclear Plant, No. DPR-74. The license condition requires that an analytical evaluation of the effects of certain postulated break loads on the reactor coolant system and internals be made by September 30, 1979. The latter date was modified to January 25, 1980 by Mr. V. Stello's letter, Reference (1). We responded to Mr. Stello's letter on March 8, 1978 (Reference (2)) and on May 15, 1978 (Reference (3)).

As detailed in References 2 and 3, we are a member of the Westinghouse Owners' Utility Group formed to perform this analytical evaluation work. The analytical evaluation was broken into three phases. Westinghouse has completed the two initial phases and has started the third phase, i.e., phase "C" evaluation. The analysis to be performed during this phase involves the effects of a LOCA break at any of the reactor vessel nozzles inside the reactor cavity. The details of the phase "C" evaluation were presented to the NRC on July 18, 1979 and the scope was revised to include the Commission's comments. It is anticipated that phase "C" evaluation will be completed by August 1, 1980, at which time we will report to you the results of the reactor vessel supports and internals evaluation.

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Mr. H. R. Denton

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September 26, 1979

In agreement with the commitment we made in Reference (3), we hereby request an extension to the due date to respond to license condition C.3(a) of Donald C. Cook Nuclear Plant Unit 2 up to September 1, 1980.

We want to point out that phase "C" analysis is being done assuming the presence of some type of rupture restraints for the primary coolant piping, located inside the primary shield wall penetration. After the completion of the analysis, details of the potential plant modifications will be submitted to your Staff for review and approval.

AEP interprets 10 CFR 170 Subsection 22 as requiring that no submittal fee accompany this request.

Very truly yours,

GPM:em

  
G. P. Maloney  
Vice President

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