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FACIL:50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
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DENTON, H. R.	Office of Nuclear Reactor Regulation, Director (post 851125

SUBJECT: Summarizes planned actions, per 851219 meeting, re Attachments 1 & 2 to NUREG-0737, Sections II.B.3 & II.F.1, including post-accident sampling sys, location of main steam gas effluent radiation detectors & eberline monitoring sys.

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February 19, 1986
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Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License Nos. DPR-58 and DPR-74
NUREG-0737, SECTIONS II.B.3 and II.F.1

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

Dear Mr. Denton:

On December 19, 1985, Indiana & Michigan Electric Company held a meeting with your staff to discuss Technical Specifications for NUREG-0737, Section II.B.3 and II.F.1, Attachments 1 and 2. The following is a brief summary of the actions we currently plan to take as a result of that meeting.

I. Post-Accident Sampling System (PASS):

After the NUS Corporation has completed their testing program, and a reevaluation of the PASS is completed, we will be submitting to your staff a complete detailed description of the PASS system relative to the requirements of the NUREG-0737, Section II.B.3.

II. Location of the Main Steam Noble Gas Effluent Radiation Detectors: Questions have been raised concerning the present locations of our main steam effluent detectors and whether they meet the intent of NUREG-0737, Section II.F.1, Attachment 1. We are currently evaluating our position on this issue and will advise you accordingly.

III. Eberline SPING 3 and 4 Monitoring System: At the present time, AEP and Eberline are in the process of developing a technical information data package which will be submitted to your staff for review. The purpose of this data package is to discuss the current Eberline system at the Donald C. Cook Nuclear Plant with respect to NUREG-0737, Section II.F.1, Attachment 1 for the following areas: detector sensitivity/response, detector linearity, maximum range capability and acceptable range overlap between the low, mid and high ranges.

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IV. Radiation Source Terms for the Main Steam System: Source terms are being evaluated for the Steam Jet Air Ejector (SJAE) and the Gland Seal Condenser Exhaust (GSCE) systems. After these source terms are fully developed, they will be submitted to your staff for approval.

V. Continuous Sampling: Because of moisture problems in the SJAE and GSCE systems it is difficult to have continuous sampling that is representative for iodine and particulates. Therefore, an alternative method, which is more conservative, is being evaluated. It is our intention to submit our methodology for sampling these two systems and request an exemption from continuous sampling of the SJAE and GSCE systems.

We currently anticipate submitting the above information no later than September, 1986. If our schedule should change significantly, we will advise you at that time.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,

M. P. Alexich
Vice President

RBK
7/19/86

MPA/cm

cc: John E. Dolan
W. G. Smith, Jr. - Bridgman
R. C. Callen
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G. Charnoff
NRC Resident Inspector - Bridgman