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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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# INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631  
COLUMBUS, OHIO 43216

February 19, 1986  
AEP:NRC:0678S

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  
PBK  
2/19/86

MPA/cm

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

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The following information was obtained from a review of the records of the Department of Health and Human Services, Office of the Assistant Secretary for Health Policy and Statistics, regarding the activities of the National Center for Human Genome Research, Inc. (NCHGR) during the period from 1970 to 1975.

The NCHGR was established in 1970 as a non-profit organization to coordinate and support research in the field of human genetics. Its primary focus is on the study of the human genome, including the identification and mapping of genes, and the investigation of the role of genes in human health and disease.

The NCHGR has conducted a wide range of research activities, including the following:

- 1. The identification and mapping of genes on human chromosomes.
- 2. The investigation of the role of genes in human health and disease.
- 3. The study of the inheritance of genetic traits.
- 4. The investigation of the relationship between genes and the environment.
- 5. The study of the molecular structure and function of genes.

The NCHGR has also been instrumental in the development of a number of important research programs, including the following:

- 1. The Human Genome Project, which is a major international effort to identify and map all the genes of the human genome.
- 2. The National Cooperative Human Genome Research Program, which is a major effort to identify and map all the genes of the human genome.
- 3. The National Human Genome Research Institute, which is a major effort to identify and map all the genes of the human genome.

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