POWER AUTHORITY OF THE STATE OF NEW YORK
JAMES A. FITZPATRICK NUCLEAR POWER PLANT

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August 5, 1982
SERIAL: JAFP 82-0853

United States
Nuclear Regulatory Commission
Region 1
631 Park Avenue
King Of Prussia, PA 19406

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Attention: Thomas T. Martin, Director
Division of Engineering
and Technical Programs

SUBJECT: HEALTH PHYSICS APPRAISAL (INSPECTION REPORT NO.50-333/80-20)

Reference:
1) NRC Letter from Mr. Thomas Martin to Mr. Corbin McNeill, Jr. Dated July 2, 1982 Re: Supplemental Response
2) PASNY Letter from Mr. Corbin McNeill, Jr. to Ronald Haynes JAFP-82-0478 Dated April 30, 1982 Re: Response to Appendix A Findings
3) NRC Letter from Mr. Ronald Haynes to Mr. John Leonard Dated January 20, 1982 Re: Appendix A Findings

Dear Mr. Martin:

The following supplemental response addresses the items listed in the attachment to Reference 1):

ITEM B Schedule for technician training, retraining, and requalification. Status of program to formally document training lesson plans.

RESPONSE: A schedule for technician retraining was established by the Radiological and Environmental Services (RES) Superintendent in memorandum RES-82-010 dated January 15, 1982. This memorandum outlines the two year retraining program schedule.

Entry level technicians have been placed in the Manhattan College Health Physics Technician Training Program (conclusion date - July 30, 1982.) The RES Department Staff acknowledges that certain revisions to procedure ITP-7 "Training for Radiological and Environmental Services Technicians" may be appropriate in the areas of practical factors, program content and acceptance criteria (quizzes and examinations). We will evaluate these areas and revise this procedure using appropriate INPO "good practice" documents as guidelines. This will be accomplished by October 31, 1982.

ITEM D.1 Status of program (including any interim measures) to identify, evaluate, and implement corrective actions for personnel airborne radioactivity exposures in excess of "40-MPC hours".

RESPONSE: As stated in the response dated April 30, 1982, procedural efforts are underway to address this area of concern. Work will be completed on or before September 30, 1982.

As an interim measure, action points for isotopes of interest such as Co-60 and Co-58 have been back calculated from a 40 hour inhalation. These levels are documented in a memorandum to whole body count personnel to assure prompt notification of the RES Superintendent. This will assure proper evaluation and corrective measures for personnel potentially exposed to the equivalent of "40-MPC hours".

ITEM D.2 Status of program (including and interim measures) to relate direct and indirect bioassays to the effectiveness of the respiratory protection program.

RESPONSE: As stated in the response dated April 30, 1982, procedural efforts are underway to address this area of concern. Work will be completed on or before September 30, 1982.

As an interim measure, reports as discussed in D.1 above will be evaluated for the effectiveness of respiratory protection.

ITEM D.7 Status of program (including any interim measures) to assure that process or other engineering controls are used to the extent practicable to limit the concentrations of airborne radioactive materials.

RESPONSE: As discussed in the response dated April 30, 1982 the use of engineering controls will be a portion of the ALARA program currently under development. The schedule previously submitted is still applicable.

As an interim measure, a memorandum to appropriate departments that emphasizes the importance of the utilization of engineering controls has been developed. In addition, personnel preparing RWP's have been instructed to thoroughly review proposed tasks that could potentially generate airborne concentrations to assure that consideration of engineering controls is adequately addressed.

ITEM G.2 Status of ALARA program staffing (including support personnel).

RESPONSE: The contract ALARA Engineer discussed in the April 30, 1982 response has recently been hired as Radiation Protection and Radiochemistry Supervisor. A major portion of his efforts will be implementation of the in-plant ALARA program. In addition, the use of contract support to assist in initial program development is currently being evaluated.

Very truly yours,

CAM:EAM:jaa

CORBIN A. McNEILL, JR.
RESIDENT MANAGER

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