

POWER AUTHORITY OF THE STATE OF NEW YORK

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May 28, 1982
JPN-82-45

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Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20055

Attention: Mr. Domenic B. Vassallo
Operating Reactors Branch No. 2
Division of Licensing

Subject: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
Postaccident Effluent Sampling for
Iodine and Particulates
NUREG-0737 Item II.F.1.2

- References:
1. NRC Generic Letter No. 82-05, D. G. Eisenhower to All Licensees of Operating Power Reactors, dated March 17, 1982.
 2. PASNY Letter, J. P. Bayne to D. B. Vassallo, dated April 21, 1982 (JPN-82-38)
 3. NRC Letter,, G. H. Smith to C. A. McNeill, Jr., dated April 1, 1982
 4. PASNY Letter, J. P. Bayne to H. Denton, dated January 11, 1982 (JPN-82-6)

Dear Sir:

Reference 1 requested that the Power Authority submit, within thirty days, a firm schedule for the implementation of certain NUREG-0737 requirements, including Postaccident Effluent Sampling for Iodine and Particulates - Item II.F.1.2. The Authority's response (Reference 2), stated that a commitment had been made to the NRC Emergency Preparedness Appraisal Implementation team and other NRC Region I personnel, to provide an implementation schedule for Item II.F.1.2 by May 31, 1982. This commitment was confirmed by NRC letter in Reference 3.

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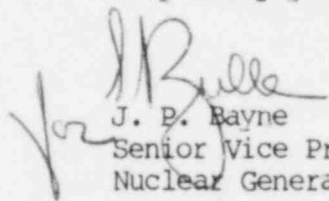
This letter provides the schedule for the implementation of postaccident effluent sampling for iodine and particulates in accordance with 10 CFR 50.54(f), and thereby satisfies the requirements and commitments of References 1, 2 and 3 with regard to Item II.F.1.2.

The Power Authority intends to modify the plant by installing a flow dilution sampling system which will permit the sampling and analysis of radioiodines and particulates using NUREG-0737 source terms as a design basis. The design will incorporate features to reduce the potential for the plateout of both iodine and particulates. The Authority has developed a schedule for: specification preparation and review; bid request, receipt and evaluation; contract award; engineering and design; material procurement; installation; and, system preoperation checks. The Authority intends to have the system operational by October 31, 1983.

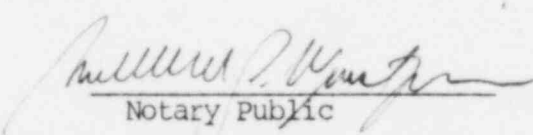
The schedule for the completion of this item was developed so that it would be consistent with the integrated schedule submitted in Reference 4. The justification for the October 31, 1983 completion date is also detailed in Reference 4. The Power Authority considers the existing sampling system adequate to provide an interim capability for effluent sampling.

If you have any further questions, please contact Mr. J. A. Gray, Jr. of my staff.

Very truly yours,


J. P. Bayne
Senior Vice President
Nuclear Generation

State of New York
County of New York
MITCHELL J. WEINSTEIN
Notary Public, State of New York
No. 50-4740322
Qualified in Nassau County
Commission Expires March 30, 1983
Subscribed and sworn to before
me this day 28 of May 1982


Notary Public

cc: Mr. J. Linville
Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 136
Lycoming, New York 13093