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April 20, 1982
IPN-82-33

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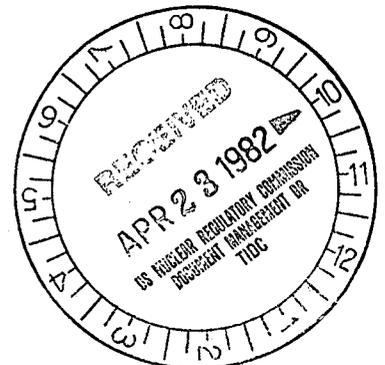
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Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Mr. Darrell G. Eisenhut, Director
Division of Licensing
Office of Nuclear Reactor Regulation

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Post TMI Requirements



Dear Sir:

This letter responds to your March 17, 1982 request for information regarding certain NUREG-0737 requirements.

Attachment I to this letter addresses each of the items applicable to Indian Point Unit 3 which were identified in enclosure 1 to your March 17, 1982 letter. Please note that the schedules discussed herein may be revised at a later date should unforeseen circumstances adversely affect them.

Should you or your staff have any questions regarding this matter, please contact Mr. J. Lamberski of my staff.

Very truly yours,

J.P. Bayne
J.P. Bayne
Senior Vice President
Nuclear Generation

MITCHELL J. WEINSTEIN
Notary Public, State of New York
No. 30-4740329
Qualified in Nassau County
Commission Expires March 30, 1973

cc: attached

State of New York
County of New York

Subscribed and Sworn to before
me this 20th day of April 1982.

Mitchell J. Weinstein
Notary Public

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cc: Mr. W. H. Baunack, Acting Chief
Indian Point
U. S. Nuclear Regulatory Commission
P. O. Box 38
Buchanan, New York 10511

Mr. T. J. Kenny
Resident Inspector
Indian Point Unit 3
U. S. Nuclear Regulatory Commission
P. O. Box 38
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Mr. Ron Barton
United Engineers & Constructors, Inc.
30 S. 17th Street
Philadelphia, Pa. 19101

ATTACHMENT I

Response to NRC Staff
March 17, 1982 Letter

Power Authority of the State of New York
Indian Point 3 Nuclear Power Plant
Docket No. 50-286

I.A.3.1. Simulator Exams

As stated in our December 30, 1980 letter (IPN-80-117), the Indian Point Unit 3 (IP-3) training program includes simulator exams for license applicants.

II.B.2. Plant Shielding

As stated in our December 29, 1981 (IPN-81-97) and December 30, 1981 (IPN-81-98) letters, the Authority's schedule for completion of this item is as follows:

- a) Encapsulation of ECCS piping is expected prior to the start of the IP-3 cycle 4/5 refueling outage (presently scheduled for Winter 1983-84).
- b) Automation of valve motor operators is expected by the end of the cycle 5/6 refueling outage (presently scheduled for Spring 1985).

This work has been scheduled beyond the January 1, 1982 implementation date for the following reasons:

- 1) Work area conflicts and outage length preclude the possibility of completing both the ECCS line shielding and automation of valve motor operators during the cycle 3/4 refueling outage.
- 2) Manpower availability during the cycle 3/4 refueling is severely taxed; since shielding of some ECCS piping does not require an outage, this work has been deferred until after the outage, and
- 3) Automation of the valve motor operators is a massive amount of work, and, due to the manpower demands from other tasks scheduled during the cycle 4/5 refueling outage, completion is not expected until the cycle 5/6 refueling outage.

II.B.3. Postaccident Sampling

As stated in our July 20, 1981 letter (IPN-81-51) the present sampling system complies with all of the short and long term lessons learned requirements. This was noted during inspections conducted by NRC in January 1980.

II.B.4. Training for Mitigating Core Damage

This training was completed prior to October 1, 1981 as scheduled in our December 30, 1980 letter (IPN-80-117).

II.E.1.2. AFS Initiation and Flow Indication

These requirements have been complied with as set forth in our December 30, 1980 letter (IPN-80-117). No further modifications are planned.

II.E.4.2. Containment Isolation (items 5 and 7)

As stated in our December 30, 1980 letter (IPN-80-117), any change in the present containment pressure setpoint, 3 psig, will cause spurious challenges to the engineered safeguards systems during normal operations. Therefore, no change is planned.

II.F.1.1 Noble Gas Monitor

As stated in our December 29, 1981 letter (IPN-81-97), the Authority has scheduled the implementation of this item for the cycle 4/5 refueling outage.

The completion of this work has been delayed beyond the January 1, 1982 implementation date since it requires crane access to the containment purge/vent valves. To provide this access, a contractor radiation control access point to containment must be removed. This would impact many other tasks being performed in containment during the cycle 3/4 refueling outage. In addition, available manpower during this outage will be utilized on the large volume of other scheduled tasks.

II.F.1.2 Iodine Sampling Capability

Implementation of this item was completed prior to March 1, 1982, as scheduled in our February 8, 1982 letter (IPN-82-14).

II.F.1.3. Containment High Range Radiation Monitors

As stated in our February 19, 1982 letter (IPN-82-20), the Authority has scheduled the completion of this item for the cycle 4/5 refueling outage.

Although this equipment is installed and operational, the cables from the monitors in containment to the penetration and the penetration cables, including splices, must be environmentally qualified. This qualification is not expected until the cycle ⁴/₅ refueling outage due to equipment unavailability.

II.F.1.4 Containment Pressure Monitor

The Authority completed installation of a Barton pressure transmitter prior to January 1, 1982 as scheduled in our December 30, 1980 letter (IPN-80-117). However, the manufacturer has been unable to successfully perform environmental qualification testing to date. High temperature, long term tests have resulted in gasket failure which required redesigning. Successful testing is expected by June 1982 and documentation by August 1982. It should be noted that although these pressure transmitters are not yet qualified to IEEE-323-1974 requirements, they do meet IEEE-323-1971 requirements.

II.F.1.5 Containment Water Level Monitor

As stated in our December 29, 1981 (IPN-81-97) and December 30, 1981 (IPN-81-98) letters, the Authority has scheduled the completion of this item for the cycle ⁴/₅ refueling outage.

This work is scheduled beyond the January 1, 1982 implementation date primarily due to the unavailability of environmentally qualified equipment.

II.F.1.6 Containment Hydrogen Monitor

As stated in our December 29, 1981 (IPN-81-97) and December 30, 1981 (IPN-81-98) letters, the Authority has scheduled the completion of this item for the cycle ⁴/₅ refueling outage.

This work is scheduled beyond the January 1, 1982 implementation date primarily due to the unavailability of adequate manpower. All available manpower is being utilized for the large volume of activities which are scheduled for completion during the cycle ³/₄ refueling outage.