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February 6, 1979
IPN-79-2

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

Attention: Mr. Albert Schwencer, Chief
Operating Reactors Branch No. 1
Division of Operating Reactors

Subject: Indian Point 3 Nuclear Power Plant
Docket No. 50-286
Fire Protection Program Review

Dear Sir:

Enclosed please find ten (10) copies of Attachment 1 which contains responses to your request for additional information on the Power Authority's October 23, 1978 (IPO-163) submittal to the NRC on the subject item. The request was telecopied to us on November 28, 1978 by your Mr. L. Olshan.

In the April 15, 1977 submittal to the NRC containing Revision to the report entitled, "Review of Indian Point Station Fire Protection Program", commitments were made to the NRC with respect to the hydrogen trailer located outside the Primary Auxiliary Building (Pg 8-9) and the air intake louvers on the Battery Room Doors (Pgs 8-100, 10-35).

Please be advised that the hydrogen trailer will be removed. Instead, a bulk hydrogen storage facility located at the river front will provide hydrogen to the plant through a buried line to the Primary Auxiliary Building.

The air intake louvers on the Battery Room doors will not be closed off with fire dampers. In a phone conversation on January 1979 between the Authority's staff and your Mr. L. Olshan and Mr. H. George it was concluded that such modification is not required.

Very truly yours,

Code

Paul O. Early
Assistant Chief Engineer-
Projects

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ATTACHMENT 1

RESPONSES TO NRC REQUEST OF
NOVEMBER 28, 1978 FOR
ADDITIONAL INFORMATION
ON FIRE PROTECTION PROGRAM

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT 3 NUCLEAR POWER PLANT
DOCKET NO. 50-286

February 6, 1979

(Revised January 11, 1980)

3. (11.g) Justify the lack of fire dampers in ventilation ductwork penetrations of fire barriers enclosing the switchgear room, cable spreading room, and each diesel generator room.

Response

There are no ductwork penetrations passing through the control building from other buildings in this area of the switchgear room, cable spreading room and each diesel generator room. All ductwork exhausts to the outside of the control building. A small section of ductwork passes through the overhead of the cable spreading room and exhausts through an inline fan to the outside. This line ventilates the room in the 15' elevation of the control building that houses the control room air conditioner.

Attached is a revised page 7-3 of the Authority's June 29, 1978 (IPO-125) submittal to the NRC on the subject item. This page corrects and/or amplifies the description of the ducts in the Electrical Tunnels and the Control Building.

Also attached is a list of six ducts/louvers which were included in the response to Question 7 of the Authority's June 29, 1978 submittal to the NRC. These ducts/louvers were specifically identified by the NRC staff in a phone conversation on December 19, 1978. Included with the location of each duct/louver is the size, description and reasoning why a 3 hour rated fire damper is not required for each case.

Electrical Tunnels

El. 15' - Zone 7A: 45" x 60" louver to outside air inlet.

Control Building

El. 15' - Zone 14: 5' x 3'-9" louver in east wall into duct in hallway to Zone 34A.

El. 33' - Zone 11: 4' x 5' opening through Zone 35A and louver to outside air inlet.

El. 15' - Zone 35A: 18" x 20" duct thru duct chase from Zone 34A.

El. 15' - Zone 14: 4' x 3'-9" duct opening thru south wall into Zone 34A.

El. 33' - Zone 12: 6" x 11" duct thru roof thru Zone 11 to outside

El. 33' - Zone 13: 6" x 11" duct thru roof thru Zone 11 to outside

El. 33' - Zone 11: 3' x 12' louver in south wall to outside.

El. 15' - Zone 14: 3' x 12' louver in south wall to outside.

Doors which do not carry an Underwriters Laboratory Label will be replaced.

(Revised January 11, 1980)

Electric Tunnels

El. 33' - Zone 7A: 4' x 5' louver to Zone 14 then duct up to Zone 11. This should be changed to read "4' x 5' louver to outside air inlet". This should be deleted from the list since the inlet is open to transformer yard and does not pass through Zone's 11 or 14.

Control Building

El. 15' - Zone 14: 40" x 44" duct through south wall into Zone 34A. This duct should be deleted from this list since it is outside Zone 14 in the hallway to the stairwell.

El. 15' - Zone 14: 18" x 12" duct thru ceiling into Zone 11. This duct should be deleted from the list. It runs from Zone 35A into a duct chase.

El. 33' - Zone 11: 10" x 12" duct thru south wall into Zone 34A. This duct should be deleted from this list since it runs inside the stairwell, not Zone 11, up to the toilet and locker room.

El. 33' - Zone 11: 18" x 12" duct thru south wall into Zone 34A. This should be changed to read "18" x 12" duct thru south east corner from duct chase". This should be deleted from this list. Approximately 5 liner feet of ductwork including one 90° elbow past thru Zone 11.

El. 33' - Zone 11: 3'9" x 6'0" duct register thru south wall into Zone 34A. This should be deleted from this list. This register has a damper provided with fusible links. The section of Zone 34A into which this register exhausts contains Control Building exhaust fans 31 and 32 and is separated from the other half of Zone 34A by a floor to ceiling metal partition. Additionally, the ventilation system for the cable spreading area exhausts through a separate area of Zone 34A from the ventilation exhaust for the switchgear room. These two exhaust systems are separated by a floor to ceiling metal partition.

(Revised January 11, 1980)

ATTACHMENT 3

REVISED RESPONSE TO QUESTION 11
OF NRC'S REQUEST OF SEPTEMBER 29, 1978
FOR INFORMATION ON FIRE PROTECTION
PROGRAM REVIEW

POWER AUTHORITY OF THE STATE OF NEW YORK
INDIAN POINT 3 NUCLEAR POWER PLANT
DOCKET NO. 50-286
JANUARY 11, 1980