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March 6, 1980  
IPN-80-27

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

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

Subject: Indian Point 3 Nuclear Power Plant  
Docket No.50-286  
Containment Isolation System

Dear Sir:

This letter is provided in response to an oral request made by Mr. L. Olshan of your staff on February 20, 1980.

Mr. Olshan's questions and the responses to each are provided below:

1. Are the radiation monitors that initiate CVI trip safety grade?

Answer - No.

2. Describe the post-accident containment ventilation system.

Answer - In addition to providing necessary air circulation, cooling, filtering, etc. during normal and shutdown plant phases, the Containment Ventilation System provides for depressurization of the Containment Vessel in the event of a LOCA to limit the containment pressure and temperature. It also removes fission products from the containment atmosphere should they be released.

High containment pressure signal will actuate automatically the safety injection safeguard sequence which will initiate operation of the air filtration fans. Further details are described in FSAR Sections 5.3 and 6.4.

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Post Accident Containment Venting System is designed to limit the H<sub>2</sub> concentration in the containment. It is a manually remote operation. Further details are described in FSAR Section 5.4.

3. Is the control room ventilation isolation system an ESF system?

Answer - Yes.

4. A second reset pushbutton is shown in the Containment Ventilation Isolation containment spray, containment isolation phase A and B circuits. Discuss the type of switch, its location and its use. Describe the type and location of the other (main) reset button.

Switches are Westinghouse OT2 and are located on the Main Control Room supervisory panels "SNF" and SBF-1. They are used to reset the isolation valves as shown.

The other reset buttons are Westinghouse OT2 switches and are located on Racks G3, G4, G5 and G6.

5. List of all containment purge valves, their size, associated solenoids and electrical schematics. Send copies of dwgs. not already sent.

<u>Size</u>	<u>Purge Valve</u>	<u>Solenoid Valve</u>	<u>Elect. Schematic</u>
36"	FCV-1170	SOV-1270	9321-LL-31313, Sht. 2A
36"	FCV-1171	SOV-1271	9321-LL-31313, Sht. 2
36"	FCV-1172	SOV-1272	9321-LL-31313, Sht. 2A
36"	FCV-1173	SOV-1273	9321-LL-31313, Sht. 2

Two (2) copies of the following drawings are attached:

UE&C Dwg. No. 9321-LL-31313, Sht. 2A and Sht. 2

6. Is the 1-1/PRPT switch the individual valve position switch?

Answer - Yes.

7. What is 1-1/CBP? Please provide the switch development for all the CVI individual valve position switches.

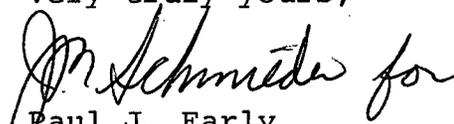
1-1/CBP is a switch with three positions (Closed-Auto-Open) and with a spring return to "Auto" located on the Fan Room Control Cabinet.

Two (2) copies of the following drawings showing switch developments are attached.

UE&C Dwg. No. 9321-LL-31313 - Sht. No. 1

UE&C Dwg. No. 9321-LL-31313 - Sht. No. 2A

Very truly yours,

  
Paul J. Early  
Assistant Chief Engineer-Projects

cc: Mr. T. Rebelowski  
Resident Inspector  
U. S. Nuclear Regulatory Commission  
P. O. Box 38  
Buchanan, New York 10511



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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cc: DSB Files

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