

July 10, 1987

MEMORANDUM FOR: Sholly Coordinator

FROM: Robert A. Capra, Acting Director  
Project Directorate I-1  
Division of Reactor Projects, I/II

SUBJECT: REQUEST FOR PUBLICATION IN BI-WEEKLY FR NOTICE -  
NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT  
TO FACILITY OPERATING LICENSE AND PROPOSED NO  
SIGNIFICANT HAZARDS CONSIDERATION DETERMINATION  
AND OPPORTUNITY FOR A HEARING

DISTRIBUTION  
Docket File  
NRCPDR J. Scinto  
PDI-1 rdg.  
C. Vogan  
M. Slosson

Power Authority of The State of New York, Docket No. 50-286, Indian Point  
Nuclear Generating Unit No. 3, Westchester County, New York

Date of amendment request: May 7, 1987

Description of amendment request: The proposed amendment would revise the Technical Specifications with regard to the Fuel Storage Building (FSB) Emergency Ventilation System. The upper and lower bypass dampers of the ventilation system are being replaced by manual isolation devices. This replacement is intended to enhance system operation and ensure a proper seal. The proposed changes to the Technical Specification are being requested to clarify operation of the ventilation system.

Basis for proposed no significant hazards consideration determination: The Commission has provided standards for determining whether a significant hazards consideration exists as stated in 10 CFR 50.92. A proposed amendment to an operating license for a facility involves no significant hazards consideration if operation of the facility in accordance with a proposed amendment would not: (1) Involve a significant increase in the probability or consequences of an accident previously evaluated; or (2)

8707160559 870710  
PDR ADCK 05000286  
P PDR

Create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) Involve a significant reduction in a margin of safety.

The licensee made the following analysis of these changes:

1. Does the proposed license amendment involve a significant increase in the probability or consequences of an accident previously evaluated?

The probability of a fuel handling accident is not affected by this proposed change. However, the probability and consequences of a release to the atmosphere due to a fuel handling accident are in fact reduced. Air from the FSB Emergency Ventilation System will be discharged through the HEPA filters and charcoal adsorbers during all fuel handling operations, or the evolutions that could result in a radioactive release from irradiated fuel, thereby ensuring no direct release to the atmosphere.

2. Does the proposed license amendment create the possibility of a new or different kind of accident from any accident previously evaluated?

Automatic isolation of the bypass assembly is required to protect against a potential fission product release to the atmosphere during a fuel handling accident. However, with the installation of these manual isolation devices the need for automatic isolation is no longer required. With these isolation devices installed, air flow is directed through the HEPA filters and charcoal adsorbers, thus ensuring no direct release to the atmosphere. Therefore, with the proper procedural controls, which the Authority is incorporating into IP-3's procedures, the need for automatic isolation of the bypass assembly is precluded. This proposed amendment, therefore, does not create the possibility of a new or different kind of accident from any accident previously evaluated.

3. Does the proposed amendment involve a significant reduction in a margin of safety?

The proposed amendment does not involve a significant reduction in a margin of safety. The margin of safety is actually increased as a result of the proposed amendment since air from the FSB Emergency Ventilation System will be discharged through the HEPA filters and charcoal adsorbers at all times during fuel handling operations. Since the fuel handling accident analysis in the FSAR does not credit the existence of charcoal adsorbers, the change in no way reduces the safety margin established by current accident analysis.

Based on the above, the staff proposes to determine that the proposed changes do not involve a significant hazards consideration.

Local Public Document Room location: White Plains Public Library,  
100 Martine Avenue, White Plains, New York 10601

Attorney for licensee: Mr. Charles M. Pratt, 10 Columbus Circle, New York,  
New York 10019

NRC Project Director: Robert A. Capra, Acting Director

Robert A. Capra, Acting Director  
Project Directorate I-1  
Division of Reactor Projects, I/II

PDI-1  
CVogant *cu*  
8/2/87

PDI-1 *MS*  
MSLosson  
6/2/87

*OGC*  
*Dr. Korman*  
7/18/87  


PDI-1 *RCapra*  
*RCapra*  
7/10/87