



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

JUN 29 1984

MEMORANDUM FOR: James R. Miller, Chief  
Operating Reactors Branch No. 3,  
Division of Licensing

FROM: B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

SUBJECT: REQUEST FOR PUBLICATION IN MONTHLY 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

Pennsylvania Power & Light Company, Docket No. 50-388,

Susquehanna Steam Electric Station, Unit 2, Luzerne County, Pennsylvania

Date of Amendment Request: April 10, 1984

Description of Amendment Request: The purpose of the proposed amendment request is to change Technical Specification Table 3.6.3-1, Primary Containment Isolation Valves, to reflect the installation of modifications to the Nitrogen Makeup System required by License Condition Item 1.a of Attachment 1 to Operating License No. NPF-22. Proposed changes to Technical Specification Table 3.6.3-1 include the addition of two new isolation valves, SV-25738 and SV-25789, to a newly formed category, Nitrogen Makeup. Two valves, SV-25737 and SV-25767, currently listed under the Containment Atmosphere Sampling Category would be transferred to the Nitrogen Makeup category. The isolation signals for each of these four valves would be "B", "Y", and "R". Additionally, the proposed change would delete isolation signal "R" from valves SV-25736B and SV-25776B under the Containment Atmosphere Sampling Category. With the modifications to the Nitrogen Makeup System, valves SV-25736B and SV-25776B are dedicated to the sampling lines and isolation on signal "R" is no longer required.

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Basis for proposed no significant hazards consideration determination:

The licensee in his letter of April 10, 1984, stated that the proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated because the addition of the nitrogen makeup line design is compatible with the FSAR requirements and engineering has been performed in accordance with plant design criteria to assure the required installation will not impact safety-related systems. The integrated leak rate test has been performed and a correction factor included for the proposed added nitrogen makeup lines to the containment penetration. Bypass leakage effects remain unchanged by the proposed action. The licensee stated the proposed change does not create the possibility of a new or different kind of accident from any accident previously evaluated because the design of the proposed new penetrations, isolation valves and isolation circuitry is in accordance with the existing design basis of the plant. The licensee also stated the proposed change does not result in a significant reduction in the margin of safety because this change will increase the safety margin of the as-built plant by ensuring that a single failure in the nitrogen makeup system isolation logic will not allow an uncontrolled release to the environment following a design basis accident. The staff agrees with the licensee's evaluation in this regard, and accordingly, the NRC staff proposes to find the amendment request involves no significant hazards consideration.

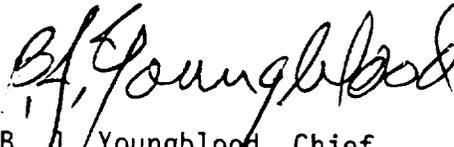
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Department, 71 South Franklin Street, Wilkes-Barre, Pennsylvania 18701

Attorney for Licensee: Jay Silberg, Esquire, Shaw, Pittman, Potts &  
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NRC Branch Chief: B. J. Youngblood

  
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Licensing Branch No. 1  
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cc: R. L. Perch  
M. Rushbrook  
P. Krentzer

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NRC Branch Chief: B. J. Youngblood

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cc: R. L. Perch  
M. Rushbrook  
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CONCURRENCES:

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