

October 2, 1984  
JPN-84-62

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

Attention: Mr. Domenic B. Vassallo, Chief  
Operating Reactors Branch No. 2  
Division of Licensing

SUBJECT: James A. FitzPatrick Nuclear Power Plant  
Docket No. 50-333  
Proposed Change to the Technical Specifications  
Regarding Main Steam Line High Radiation Monitor  
Trip Level Setpoint

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Dear Sir:

Enclosed for filing are three (3) signed originals and nineteen (19) copies of a document titled, "Application for Amendment to Operating License", together with forty (40) copies of Attachment I and II thereto, comprising a statement of the proposed change to the Technical Specifications and the associated Safety Evaluation.

The change proposed in the attached application would allow the main steam line high radiation monitor trip level setpoint to be raised during a proposed hydrogen addition test. The purpose of this test is to study the feasibility of hydrogen addition to the coolant water to inhibit intergranular stress corrosion cracking (IGSCC) at the James A. FitzPatrick Plant. The addition of hydrogen reduces the concentration of oxygen in the coolant water and increases the N-16 carryover in the steam. This would result in a higher background radiation level seen by the main steam line radiation monitor.

The Authority notes that a similar test was conducted at the Dresden 2 nuclear power plant in May 1982 and the main steam line radiation monitor trip setpoint was changed for the test. That change was reviewed and approved by the NRC.

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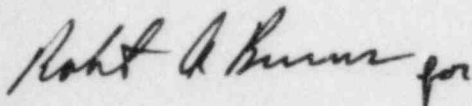
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The proposed change to the Technical Specifications needed to support this test are contained in Attachment I to this letter. The Authority plans to run this test starting December 1, 1984 and would like to request an expeditious review of this application.

In accordance with 10 CFR 50.91, a copy of this application, with attachments, is being provided to the designated New York State official.

In accordance with 10 CFR 170.12, a check in the amount of \$150.00 is enclosed as the application fee. The Authority pays this fee under protest pending a final determination of the legality of the fee schedule.

Very truly yours,



J. P. Bayne  
First Executive Vice President  
Chief Operations Officer

ENCS.

cc: Office of the Resident Inspector  
U.S. Nuclear Regulatory Commission  
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