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SUBJECT: Requests NRC expedited review & acceptance of Tables
 3.3.7.11-1 & 4.3.7.11-1 of Improved TS Amend 203 to license
 NPF-14 & Amend 161 to NPF-22. Amend relocates Tables from TS
 to Technical Requirements Manual.

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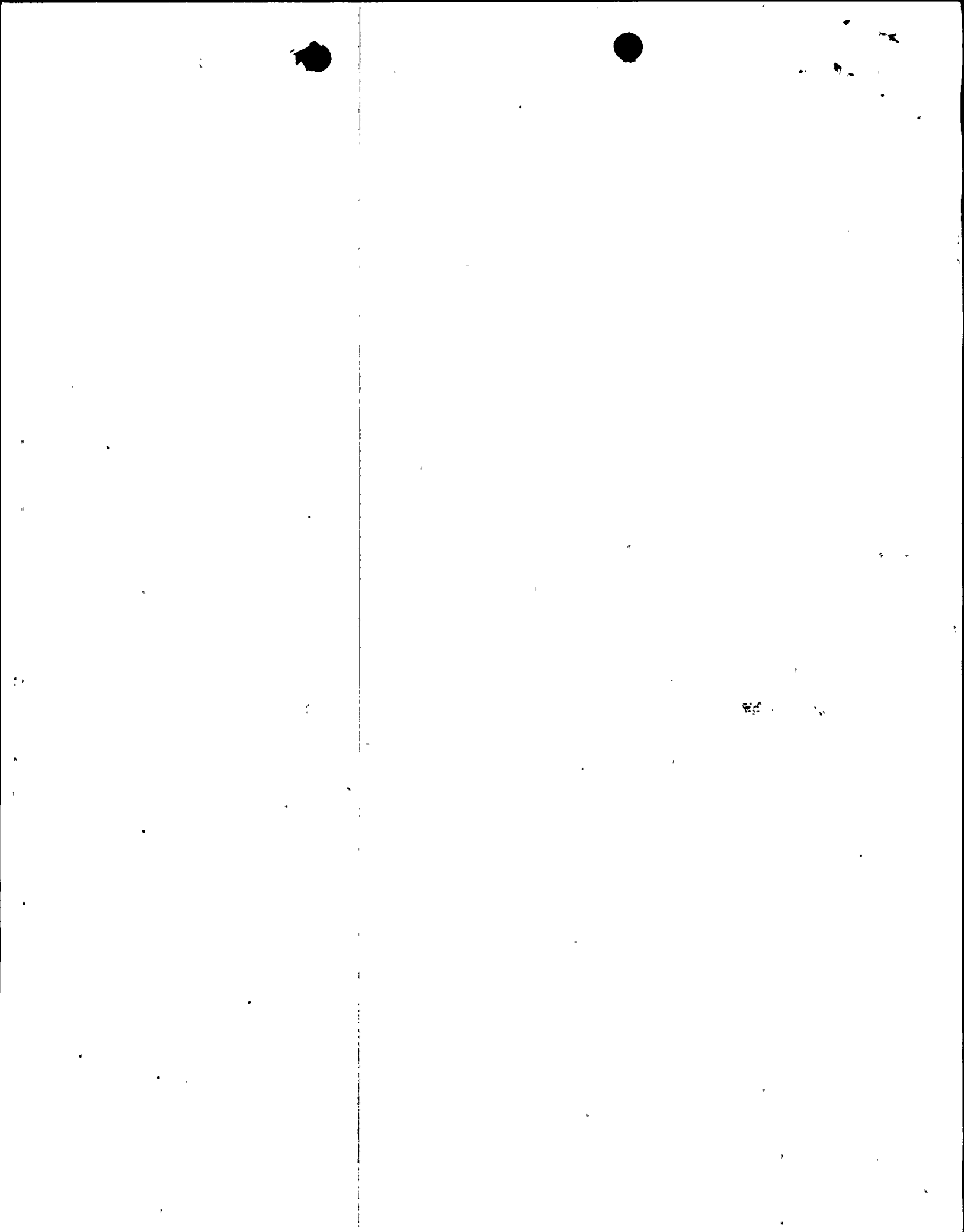
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U. S. Nuclear Regulatory Commission
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**SUSQUEHANNA STEAM ELECTRIC STATION
DELETION OF HYDROGEN ISOLATION IN
TECHNICAL SPECIFICATION BASES
PLA-4508 FILE R41-2**

Docket Nos. 50-387/NPF-14
and 50-388/NPF-22

This letter is to request NRC's expedited review of Tables 3.3.7.11-1 and 4.3.7.11-1 within the proposed Improved Technical Specifications (ITS) Amendment (Proposed Amendment No. 203 to License NPF-14 and Proposed Amendment No. 161 to License NPF-22). The ITS proposed amendment relocates Tables 3.3.7.11-1 and 4.3.7.11-1 from the Technical Specifications to the Technical Requirements Manual (TRM).

NRC's acceptance that Technical Specification Tables 3.3.7.11-1 and 4.3.7.11-1 may be relocated to the TRM will be utilized as acceptance for PP&L to delete the hydrogen isolation function from the hydrogen monitor channel utilizing the 10CFR50.59 process. The hydrogen isolation function is an existing function of the hydrogen monitor channel in the current Technical Specifications for Unit 1 and Unit 2 as stated in the respective Technical Specification Bases Section 3/4.11.2.6 (Explosive Gas Mixture) for each unit. This expedited review is requested by November 29, 1996, to support the installation and operation of Hydrogen Water Chemistry (HWC) at Susquehanna.

The current Technical Specification Bases for Section 3/4.11.2.6 states in part "Automatic control features are included in the system to prevent the hydrogen and oxygen concentrations from reaching ... flammability limits. These automatic control features include isolation of the source of hydrogen and/or oxygen," Under HWC, a failure of the oxygen injection will result in a transient increase in hydrogen sufficient to cause an isolation of the offgas system. Only the hydrogen isolation function will be eliminated, offgas hydrogen alarms will remain. Additionally, operating procedures will be revised to address a failure of oxygen injection and the resulting hydrogen concentration.

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Since Technical Specification Table 4.3.7.11-1 1a (Hydrogen Monitor) requires a quarterly channel calibration, and the existing hydrogen monitor channel includes the hydrogen isolation function, NRC agreement of our action utilizing the proposed ITS amendment is requested prior to deleting this isolation function from the current Technical Specification Bases section 3/4.11.2.6, to assure Technical Specification requirements are maintained.

Very truly yours,



R. G. Byram

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