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SUBJECT: Forwards proposed amends 226 & 155 to Licenses NPF-14 & NPF-22, changing allowable values listed in Unit 1 Tech Specs Table 3.3.5.1-1, "ECCS Instrumentation." Associated Unit 2 TS changes issued as Amend 155 to NPF-22 on 990304.

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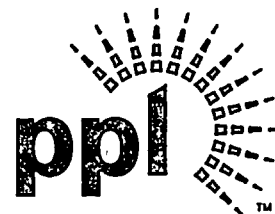
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**SUSQUEHANNA STEAM ELECTRIC STATION
PROPOSED AMENDMENT NO. 226 TO LICENSE NPF-14 :
REACTOR STEAM DOME PRESSURE-LOW ALLOWABLE VALUE
PLA-5039**

Docket Nos. 50-387
and 50-388

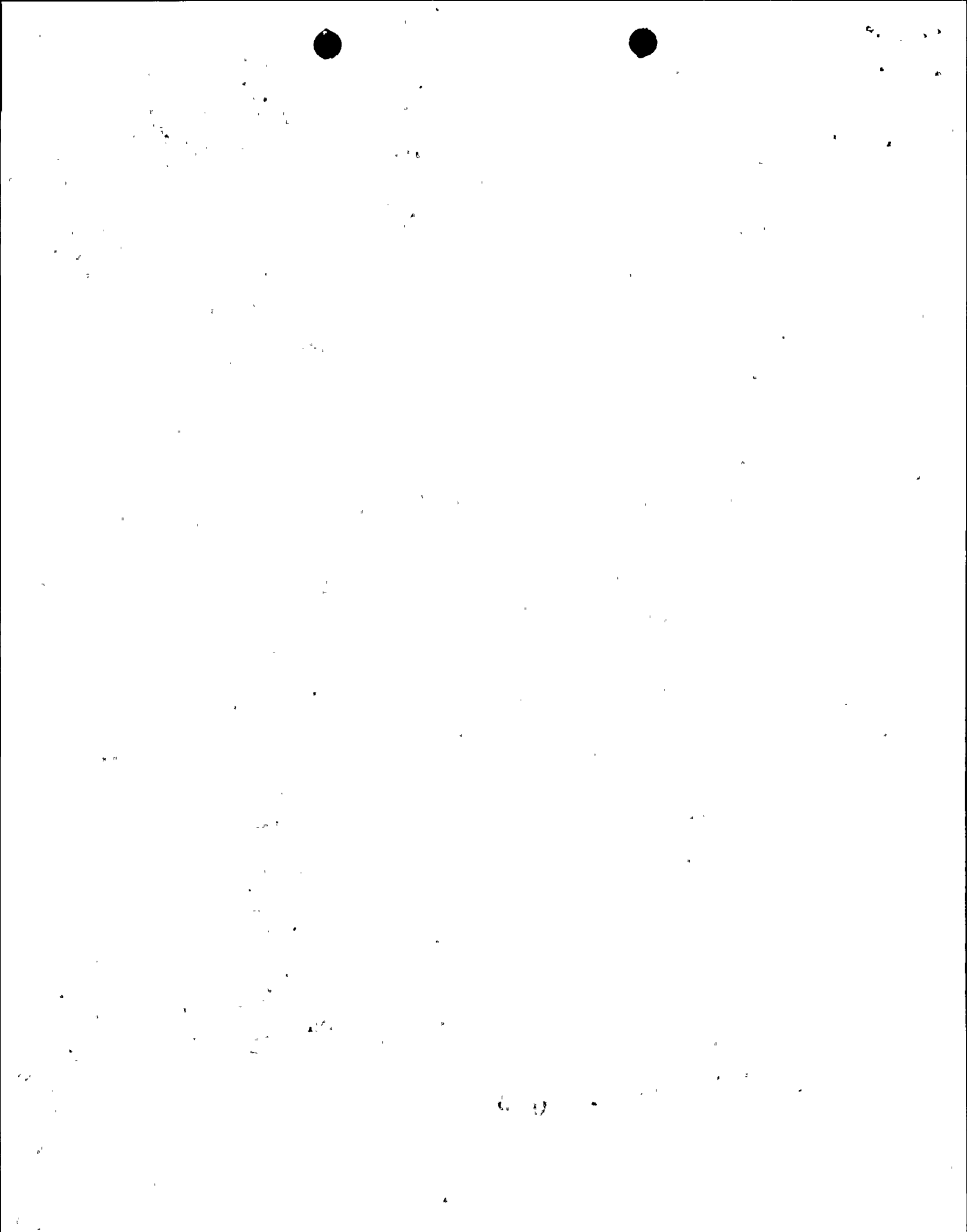
- Reference
- 1) PLA-4992, G. T. Jones to USNRC, "Revised Proposed Amendment No. 185 to License NPF-22 : Reactor Steam Dome Pressure - Low Allowable Value", dated 11/23/98.
 - 2) PLA-4955, R. G. Byram to USNRC, "Proposed Amendment No. 185 to License NPF-22 : Reactor Steam Dome Pressure - Low Allowable Value," dated 8/05/98.

The purpose of this letter is to propose a change to the Allowable Values listed in the Unit 1 Susquehanna Steam Electric Station (SSES) Technical Specifications Table 3.3.5.1-1 "Emergency Core Cooling System Instrumentation". This change updates the allowable values for both the Core Spray (CS) and Low Pressure Coolant Injection System (LPCI) Reactor Steam Dome Pressure-Low functions. The proposed amendment reflects an enhancement modification scheduled to be installed on Unit 1 during the Unit 1 11th refueling and inspection outage in the second quarter 2000. The affected instrumentation senses reactor pressure and signals the CS and LPCI injection valves to open during a LOCA. The currently installed instrumentation performs the same function but has been determined to need replacement in order to better control to a more restrictive allowable value range. This same modification will be implemented on Unit 2 during the U2 9th refueling and inspection outage scheduled for the second quarter of 1999. The associated Unit 2 Technical Specification changes were issued as Amendment 155 to Facility Operating License No. NPF-22 on March 4, 1999.

Attachment 1 presents the safety assessment for the change request. This assessment concludes that this change to the SSES Unit 1 Technical Specifications enhances the assurance that the CS and LPCI systems are capable of performing their design basis LOCA function.

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Attachment 2 contains the "No Significant Hazards Considerations" and "Environmental Considerations" assessments. The "No Significant Hazards Considerations" assessment concludes that the proposed Technical Specification change does not involve a significant increase in the probability or consequences of an accident previously evaluated; does not create the possibility of a new or different kind of accident from any accident previously evaluated; and does not involve a significant reduction in the margin of safety. The "Environmental Considerations" assessment concludes that the change conforms to the criteria for actions eligible for categorical exclusion as specified in 10 CFR 51.22(c)(9), and will not impact the environment.

Attachment 3 contains marked-up pages from the Unit 1 Technical Specifications to illustrate the proposed changes.

The proposed changes have been approved by the SSES Plant Operations Review Committee and reviewed by the Susquehanna Review Committee.


Attachment 4 contains supplemental information (answers NRC questions) provided to support the Unit 2 Technical Specification change issued as Amendment 155. This supplemental information was provided in reference 2 and is equally applicable to this Unit 1 Technical Specification change.

Attachment 5 contains "camera ready" versions of the affected Technical Specification pages.

PP&L is requesting approval of this proposed change so that implementation of the proposed changes can take affect 30 days after startup from the Unit 1 11th RIO currently scheduled for spring 2000.

If you have any questions, please contact Mr. M. H. Crowthers at (610) 774-7766.

Sincerely,



R. G. Byram

Attachments

copy: NRC Region I
Mr. S.L. Hansell, NRC Acting Sr. Resident Inspector
Mr. V. Nerses, NRC Sr. Project Manager
Mr. D. J. Allard, Pennsylvania DEP/BRP

