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SUBJECT: Provides further clarification of info provided in response to NRC question on single loop operation for Susquehanna Unit Cycle 11.

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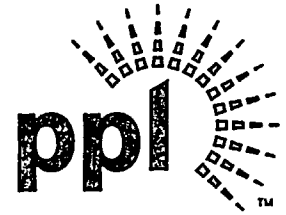
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**SUSQUEHANNA STEAM ELECTRIC STATION
CLARIFICATION OF INFORMATION FOR
PROPOSED AMENDMENT NO. 209 TO LICENSE NPF-14
PLA-4872**

FILE R41-2

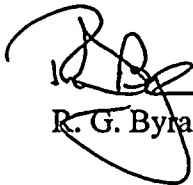
Docket No. 50-387

- References: 1) PLA-4664, "Proposed Amendment No. 209 To License NPF-14: Unit 1 Technical Specification Changes For ATRIUM™10," August 26, 1997.
- 2) PLA-4802, "Unit 1 Cycle 11 Information," December 4, 1997.
- 3) PLA-4841, "Revision to Bases For Proposed Amendment No. 209 To License NPF-14 and Response to NRC Request For Additional Information," February 2, 1998.

This letter provides further clarification of information provided in response to an NRC question on Single Loop Operation for Susquehanna Unit 1 Cycle 11. Reference 3 contains the NRC question and the initial PP&L response. In a March 18, 1998 telephone call between NRC staff and PP&L, NRC requested additional information related to the controls in place to prohibit Single Loop Operation. PP&L discussed the specific procedural changes which have been made for Unit 1. Attachment I documents the information provided to the NRC in the telephone call. These controls are effective for Unit 1 Cycle 11 operation until the Single Loop Operation issue discussed in Reference 3 is resolved.

For further information please contact Mr. A. J. Roscioli at (610) 774-4019.

Sincerely,



R. G. Byram

Attachment

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copy: Regional Administrator - Region I
Mr. K. Jenison, NRC Sr. Resident Inspector
Mr. V. Nerses, NRC Project Manager
Mr. K. Kerns, Pa. DEP

ATTACHMENT I TO PLA-4872

SUSQUEHANNA UNIT 1 CYCLE 11 SINGLE LOOP INFORMATION

The following procedures have been changed to prohibit Single Loop Operation for Unit 1 Cycle 11 operation until resolution of the Single Loop Operation (SLO) issue related to the use of the Siemens Power Corporation critical power methodology for the bottom 3 feet of the core:

GO-100-002, "Plant Startup, Heatup, and Power Operation,"
ON-164-002, "Loss of Reactor Recirculation Flow,"
ON-164-003, "Reactor Recirculation Pump Dual Seal Failure,"
OP-164-001, "Reactor Recirculation System".

SSES Unit 1 is not allowed to intentionally enter SLO during Cycle 11 until the SLO issue is resolved. Startups must be with both pumps running before Operational Condition 2 is entered, which is current practice per GO-100-002.

If an event would occur during Cycle 11 that causes unintentional entry into SLO, the above procedure changes will ensure that the actions of Technical Specification LCOs 3.2.3 (MCPR) and 3.4.1.1.2 (SLO) are complied with. This means that if the pump cannot be restarted within 2 hours power must be reduced below 25% within the next 4 hours due to the MCPR LCO and that Hot Shutdown must be entered within the next 6 hours (a total of 12 hours from the start of the event).

Each shift of licensed operators has received and reviewed training information on these procedure changes.