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 ADENSAM, E. BWR Project Directorate 3

SUBJECT: Provides addl info on proposed Amends 73 & 27 to Licenses NPF-14 & NPF-22, respectively, including trip functions of radiation monitors, control of heavy loads so fuel damaging event will not occur & requirements for reactor bldg.

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Harold W. Keiser
Vice President-Nuclear Operations
215/770-7502

JAN 15 1986

Director of Nuclear Reactor Regulation
Attention: Ms. E. Adensam, Project Director
BWR Project Directorate No. 3
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
ADDITIONAL INFORMATION ON PROPOSED AMENDMENTS
73 TO NPF-14 AND 27 TO NPF-22
ER 100450
PLA-2578

FILE 841-8

Docket Nos. 50-387
50-388

- References:
1. PLA-2560, H.W.Keiser to E.Adensam, dated November 26, 1985
 2. PLA-937, N.W.Curtis to D.G.Eisenhut, dated September 24, 1981
 3. PLA-1843, N.W.Curtis to A.Schwencer, dated September 29, 1983

Dear Ms. Adensam:

Your staff has recently requested additional information based on their ongoing review of Reference 1. Their questions and PP&L's response to each is provided below.

Question 1: When the trip functions of the subject radiation monitors are disabled, will the monitoring function be retained?

Answer: PP&L's current plans are to keep the alarm and recorder channels associated with the subject monitors functioning during situations where the trip function has been disabled to avoid an anticipated spurious ESF actuation. This will provide information useful in verifying those configurations which are believed to cause the spurious actuations. However, it is our position that the monitors, including recorder and alarm, will only be required to be OPERABLE for regulatory purposes as defined in the Technical Specifications.

Question 2: How does PP&L plan to control heavy loads so that a potential fuel damaging event will not occur when the monitors' trip functions are disabled?

Answer: References 2 and 3 provide PP&L's responses for SSES Units 1 and 2, respectively, to NUREG-0612 Section 2.2, "Specific Requirements for Reactor Building". As documented in these reports, every reasonable effort was made

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Ms. E. Adensam

to identify all heavy load handling events which could arise during the life of the plant.

One component, the refueling jib crane, was identified as requiring the Standby Gas Treatment System (SGTS) to mitigate potential offsite doses should the crane be dropped into the spent fuel pool. As stated in Reference 3 (See subsection 2.4.2.d.2), the associated procedures were revised to "... treat jib crane handling similarly to fuel handling (i.e. minimum water levels will be maintained over spent fuel and SGTS will be operational)." Since we are requesting that the applicable operational conditions of the radiation monitors become inconsistent with that of SGTS, we will revise the same procedures to require that the monitors are also operational.

Subsequent to the submittal of the referenced reports on heavy loads, one other component, the fuel transfer canal watertight gate strongback, was added as part of a modification and was also identified as a heavy load that would require SGTS. The current procedure associated with handling of this component ensures that SGTS is operational, and it too will be revised to require that the monitors are also operational.

No other analyzed components, including major vessel internals such as the steam dryer and steam separator require SGTS to be operational based on our referenced heavy loads analyses, which were accepted by NRC.

If you desire further information on this response, please contact Mr. R. Sgarro at (215) 770-7855.

Very truly yours,



H. W. Keiser
Vice President - Nuclear Operations

cc: M. J. Campagnone - USNRC
R. H. Jacobs USNRC

T. M. Gerusky, Director
Bureau of Radiation Protection
Pa. Dept. of Environmental Resources
P. O. Box 2063
Harrisburg, PA 17120

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1. The first part of the document discusses the general situation of the country and the progress of the revolution. It mentions the importance of the people's support and the role of the revolutionary forces.

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