



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

August 27, 1992

Docket Nos. 50-387
and 50-388

Mr. Harold W. Keiser
Senior Vice President-Nuclear
Pennsylvania Power and Light
Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Dear Mr. Keiser:

SUBJECT: USE OF CLOSED CIRCUIT TELEVISION (CCTV) TO SATISFY TECHNICAL
SPECIFICATION (TS) FIRE WATCH REQUIREMENTS, SUSQUEHANNA STEAM
ELECTRIC STATION (SSES), UNITS 1 AND 2 (TAC NOS. M84243 AND M84244)

As requested by your letter of August 5, 1992, the staff approves the use of CCTV to satisfy the TS requirements for a continuous fire watch in locked radiation areas at SSES where Thermo-Lag fire barriers have been declared inoperable in response to NRC Bulletin 92-01. These locked radiation areas have been identified as the following: Fire Zone 2-3C-W, Fire Zone 2-3C-N, Fire Zone 2-5C, and Fire Zone 1-6I.

TS Section 3/4.7.7 requires all fire rated assemblies to be operable at all times. With one or more of the required fire rated assemblies inoperable, a continuous fire watch must be established within one hour on at least one side of the affected assemblies, or fire detector operability must be verified on at least one side of the inoperable fire assembly and an hourly fire watch established. The CCTV will be used to satisfy these requirements for the fire zones listed above.

In your letter, you advised the staff that fire detectors in the affected fire zones are currently operable and that hourly fire watches were established to compensate for the inoperability of the barriers. Your letter also advised us that CCTV camera system have been staged in the fire zones of concern to permit continuous observation should that become necessary upon loss of fire detection capability.

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Mr. Harold W. Keiser

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August 27, 1992

The CCTV camera systems provide adequate capability for performing a fire watch by permitting remote observation of an inoperable fire barrier and the general area surrounding the fire barrier to compensate for the impracticality of posting a fire watch within the fire zones of concern.

If you have any questions, please contact me on (301) 504-1447.

Sincerely,

/S/

James J. Raleigh, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

cc: See next page

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Mr. Harold W. Keiser

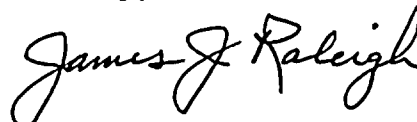
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Sincerely,



James J. Raleigh, Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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