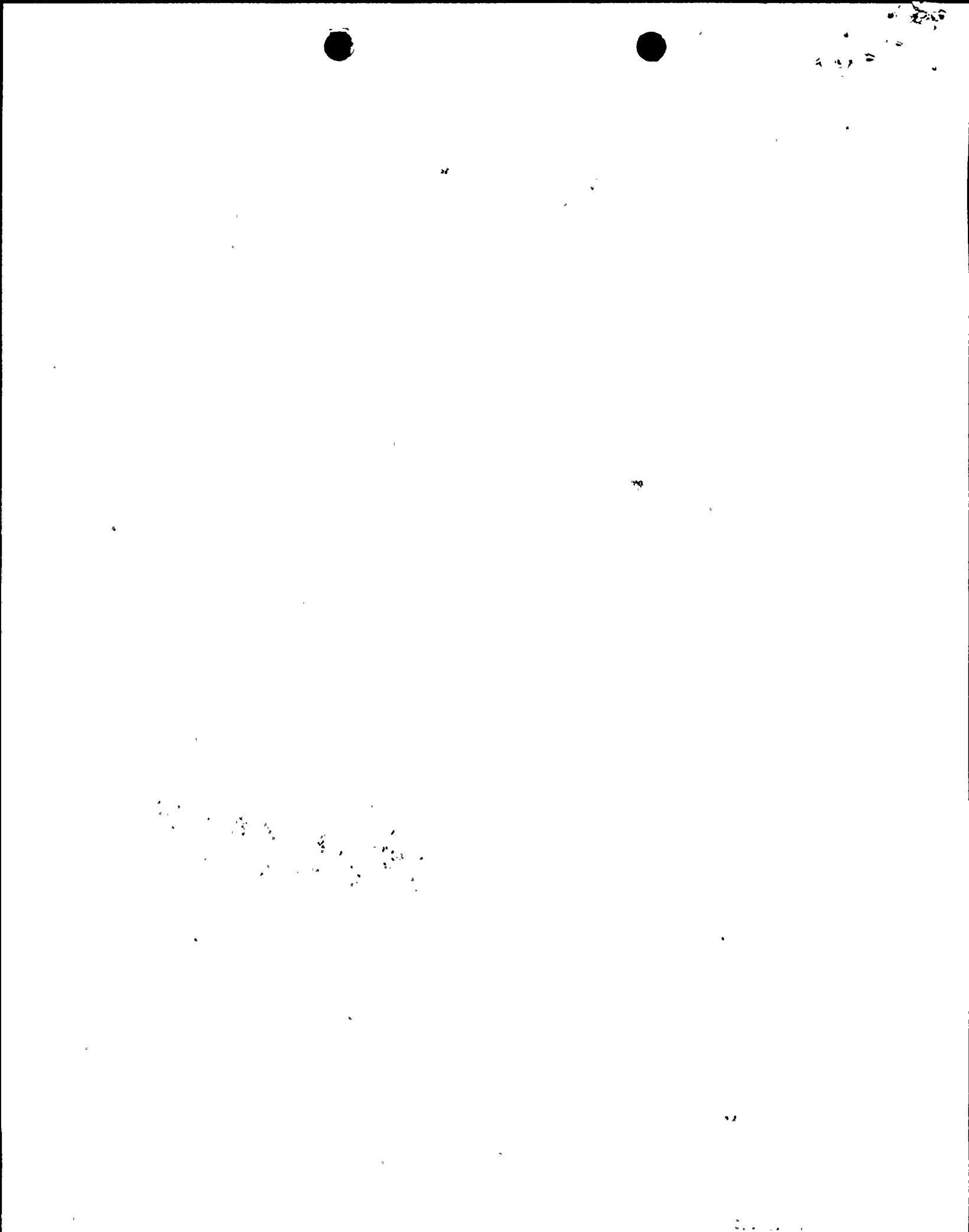


SUSQUEHANNA STEAM ELECTRIC STATION
SE TABLE 1
SUMMARY OF RELIEF REQUESTS

Relief Request Number	SE Sect.	Section XI Requirements	Equipment Identification	Proposed Alternative Method of Testing	Recommended NRC Action
PRR-52	N/A	IWP-3210, allowable ranges of inservice test quantities	Various pumps in the RHR, Core Spray, ESW, RHRSW, HPCI, and SBLC Systems	<p>1. The values of pump flow and pressure, corrected for the effects of instrument accuracy shall be compared to the allowable ranges for the corresponding test quantities, from Table IWP-3100-2, for determination of acceptability.</p> <p>2. Instrument accuracies for use in these corrections shall be determined, as needed, by calibration of the flow and/or pressure instruments utilized for the pump test.</p> <p>3. Actual accuracies for use in these corrections shall conform to the acceptable instrument accuracies established for flow instruments and for pressure instruments by Table IWP-4110-1.</p>	Preapproved GL 89-04, Relief not evaluated in SE.
PRR-54	N/A	IWP-4310, bearing temperature measurement	Various pumps in the RHR, Core Spray, ESW, and RHRSW Systems	None	Preapproved GL 89-04, Relief not evaluated in SE.
PRR-55	N/A	IWP-4120, required range of test instruments	Various pumps in the RHR, Core Spray and HPCI Systems	Utilize permanent plant pump suction pressure instruments for ISI pump test suction pressure measurements in RHR, Core Spray, and HPCI Systems.	Preapproved GL 89-04, Relief not evaluated in SE.
PRR-56		N/A	N/A	N/A	Request Withdrawn
PRR-63	2.5	IWP-3100, inservice test procedure requirement for pump speed to be adjusted to the reference speed.	1P204 and 1P209 (Unit 1) 2P204 and 2P209 (Unit 2) Combination pumps located in the HPCI System	When pump test speed differs from the reference speed by a measurable amount (10 RPM, or greater), the corrective action analysis, permitted by paragraph IWP-3230(c) may include a corrective calculation.	Relief Denied.





UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

June 16, 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: SUPPLEMENTAL SAFETY EVALUATION (SSE) ON THE STATION BLACKOUT RULE
FOR SUSQUEHANNA STEAM ELECTRIC STATION, UNITS 1 AND 2 (TAC NOS.
M68613 AND M68614)

The Station Blackout (SBO) Rule requires licensees to submit information as defined in 10 CFR 50.63 and provide a plant and schedule for conformance to the SBO Rule. The Pennsylvania Power and Light Company's (the licensee) responses to the SBO Rule were provided by letters from H. W. Keiser dated April 17, 1989, April 17, 1990, and February 27, 1991, to the U.S. Nuclear Regulatory Commission. This was followed by the licensee's written response dated August 1, 1991, to questions during the June 14, 1991, telephone conference.

By letter dated January 14, 1992, the staff transmitted a Safety Evaluation (SE) on the above submittals that found the licensee's proposed method of coping with an SBO to be incomplete. The licensee responded to this SE by letter from H. W. Keiser, dated March 13, 1992, and its supplements dated April 14, 1992 and May 13, 1992.

The staff has reviewed the licensee's responses to the staff's January 14, 1992 SE pertaining to the SBO Rule and finds the licensee's response to be acceptable except that until Generic Issue (GI) B-56 is resolved, the licensee committed, during a telephone conversation on June 12, 1992, to an emergency diesel generator reliability program which as a minimum contains the five elements of Regulatory Guide 1.155, Section 1.2. Enclosed is the staff's SSE. Therefore, no further submittals are required.

It is the staff's position that the licensee must be in full compliance with the SBO Rule within 2 years after receipt of this SSE in accordance with 10 CFR 50.63(c)(4). Therefore, this requirement should be implemented to ensure complete compliance with the SBO rule as indicated in the staff's SE and SSE. The licensee should maintain all documentation in support of its SBO submittals in its files for possible future NRC audit.

NRC FILE CENTER COPY

LEO/AA-3
11

190047



101

101

Mr. Harold W. Keiser

- 2 -

June 16, 1992

This SSE documents the NRC's final regulatory assessment of the licensee's proposed conformance to the SBO Rule and closes TAC Nos. M68613 and M68614.

If there are any questions please contact me on (301) 504-1447.

Sincerely,

/s/

George F. Maxwell, Acting Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Supplemental Safety Evaluation

cc w/enclosure:
See next page

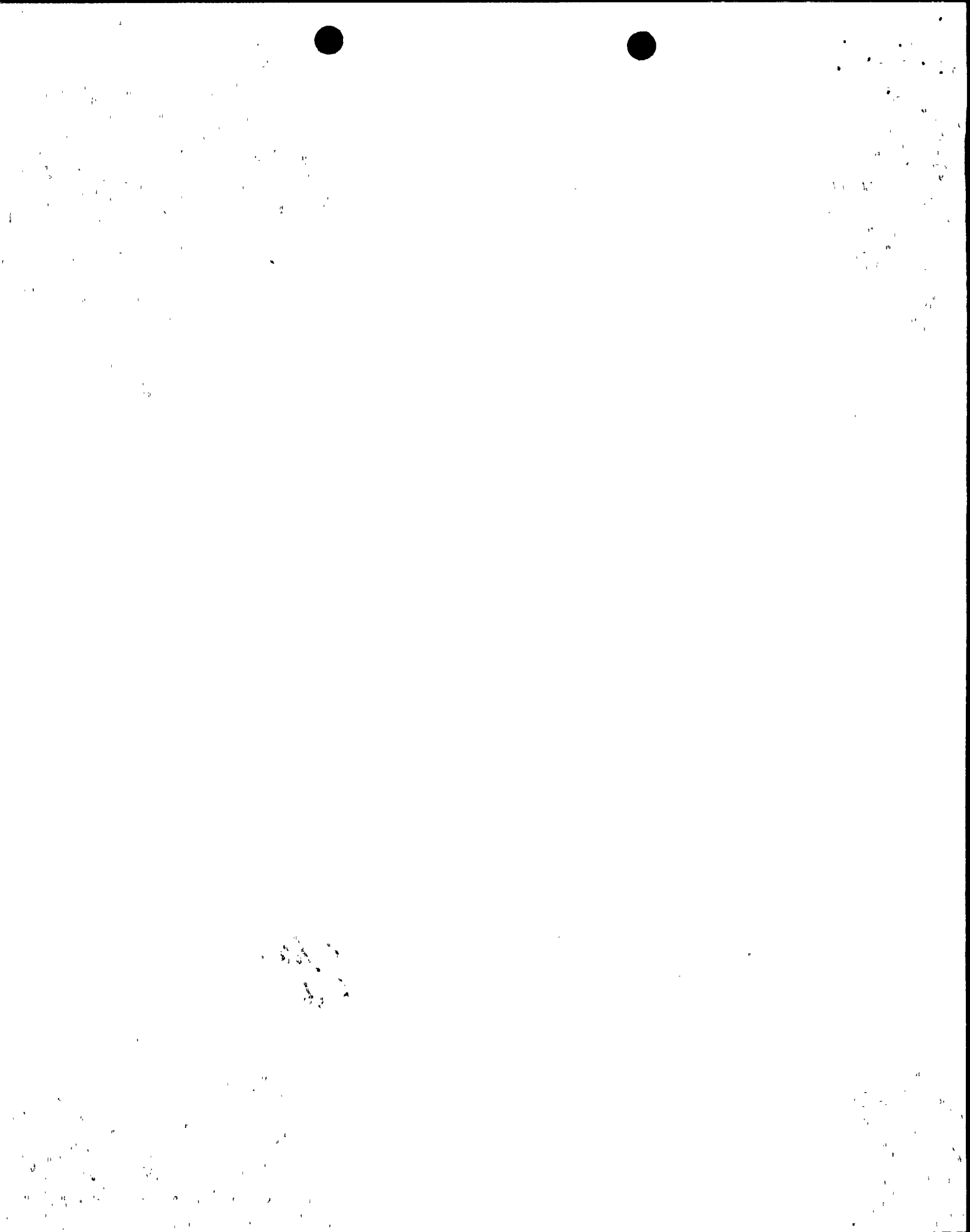
DISTRIBUTION:

Docket File
NRC & Local PDRs
PDI-2 Reading
SVarga
JCalvo
CMiller
MO'Brien(2)
JRaleigh
GMaxwell
OGC
AToalston
PTam
ACRS(10)
EWenzinger, RGN-I
JWhite, RGN-I

*Previously Concurred

OFFICE	PDI-2/PA	PDI-2/PM	SELB*	PDI-2/PD	
NAME	MO'BRIEN	JRALIGH:tlc	ATOALSTON	CMILLER	
DATE	6/16/92	6/16/92	06/16/92	6/16/92	

OFFICIAL RECORD COPY
FILENAME: A:\SU68613.SER



Mr. Harold W. Keiser

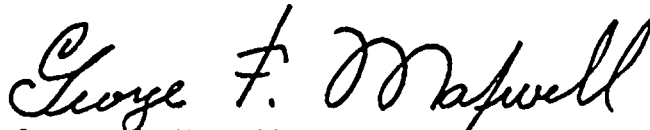
- 2 -

June 16, 1992

This SSE documents the NRC's final regulatory assessment of the licensee's proposed conformance to the SBO Rule and closes TAC Nos. M68613 and M68614.

If there are any questions please contact me on (301) 504-1447.

Sincerely,



George F. Maxwell, Acting Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Enclosure:
Supplemental Safety Evaluation

cc w/enclosure:
See next page

Mr. Harold W. Keiser
Pennsylvania Power & Light Company

Susquehanna Steam Electric Station,
Units 1 & 2

cc:

Jay Silberg, Esq.
Shaw, Pittman, Potts & Trowbridge
2300 N Street N.W.
Washington, D.C. 20037

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Bryan A. Snapp, Esq.
Assistant Corporate Counsel
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. Harold G. Stanley
Superintendent of Plant
Susquehanna Steam Electric Station
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. J. M. Kenny
Licensing Group Supervisor
Pennsylvania Power & Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. Herbert D. Woodeshick
Special Office of the President
Pennsylvania Power and Light Company
1009 Fowles Avenue
Berwick, Pennsylvania 18603

Mr. Scott Barber
Senior Resident Inspector
U. S. Nuclear Regulatory Commission
P.O. Box 35
Berwick, Pennsylvania 18603-0035

Mr. Robert G. Byram
Vice President-Nuclear Operations
Pennsylvania Power and Light Company
2 North Ninth Street
Allentown, Pennsylvania 18101

Mr. Thomas M. Gerusky, Director
Bureau of Radiation Protection
Resources
Commonwealth of Pennsylvania
P. O. Box 2063
Harrisburg, Pennsylvania 17120

Mr. Jesse C. Tilton, III
Allegheny Elec. Cooperative, Inc.
212 Locust Street
P.O. Box 1266
Harrisburg, Pennsylvania 17108-1266