

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8304190207 DOC. DATE: 83/04/13 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylvania 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylvania 05000388
 AUTH. NAME: CURTIS, N.W. AUTHOR AFFILIATION: Pennsylvania Power & Light Co.
 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

S= REC

SUBJECT: Forwards Pratt Rev 1 to "18-Inch Containment Purge Valve Qualification Analysis" & "24-Inch Containment Purge Valve Qualification Analysis." New mats needed for top disc pins & redesign of bonnet. Acceptance of mods requested by 830615.

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DATE	DESCRIPTION	AMOUNT	CHECK NO.	INITIALS
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1/20/01	UNIVERSITY OF CHICAGO	50.00	101	DEF
1/25/01	STATE OF ILLINOIS	100.00	102	GHI
2/01/01	UNIVERSITY OF CHICAGO	50.00	103	JKL
2/05/01	STATE OF ILLINOIS	100.00	104	MNO
2/10/01	UNIVERSITY OF CHICAGO	50.00	105	PQR
2/15/01	STATE OF ILLINOIS	100.00	106	STU
2/20/01	UNIVERSITY OF CHICAGO	50.00	107	VWX
2/25/01	STATE OF ILLINOIS	100.00	108	YZA
3/01/01	UNIVERSITY OF CHICAGO	50.00	109	BCD
3/05/01	STATE OF ILLINOIS	100.00	110	EFG
3/10/01	UNIVERSITY OF CHICAGO	50.00	111	HIJ
3/15/01	STATE OF ILLINOIS	100.00	112	KLM
3/20/01	UNIVERSITY OF CHICAGO	50.00	113	NOP
3/25/01	STATE OF ILLINOIS	100.00	114	QRS
4/01/01	UNIVERSITY OF CHICAGO	50.00	115	TUV
4/05/01	STATE OF ILLINOIS	100.00	116	WXY
4/10/01	UNIVERSITY OF CHICAGO	50.00	117	ZAB
4/15/01	STATE OF ILLINOIS	100.00	118	BCD
4/20/01	UNIVERSITY OF CHICAGO	50.00	119	EFG
4/25/01	STATE OF ILLINOIS	100.00	120	HIJ

Handwritten notes and signatures at the bottom of the page.



Pennsylvania Power & Light Company

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Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215/770-7501

APR 13 1983

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
CONTAINMENT VENT AND PURGE VALVES QUALIFICATION
ER 100450 FILE 841-2
PLA-1564

Docket Nos. 50-387
50-388

Dear Mr. Schwencer:

Attached is a copy of the following:

- 1) Pratt Qualification Analysis Report for the 18" valves HV-15703, HV-15704, HV-15724, and HV-15725.
- 2) Pratt Qualification Analysis Report for the 24" valves HV-15713, HV-15714, HV-15722, and HV-15723.

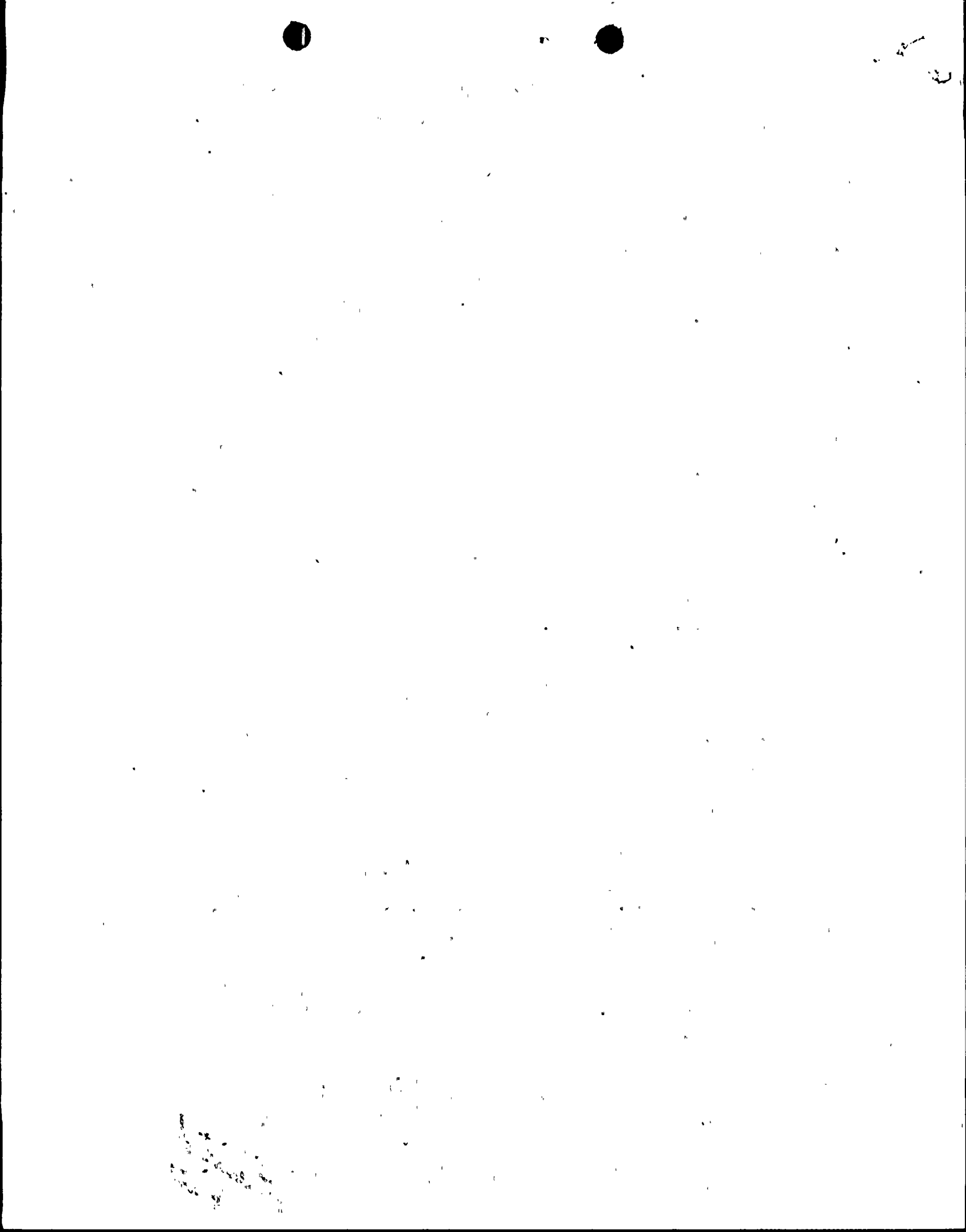
Reference (1) utilized the peak post-LOCA wetwell pressures and demonstrates that the stress levels of all existing valve parts are below the code allowables. There are no permanent hardware modifications planned for these valves.

Reference (2) utilized the post-LOCA drywell pressures and demonstrates that with replacement of certain valve parts, the stress levels will be below the code allowables. This analysis verified that new materials were needed for the top disc pins and a redesign of the bonnet was required. The valve bonnet, Banjo assembly (shaft, disc, and disc pins), and thrust bearing will be designed to allow for field installation. This modification is planned for all 24" purge valves on both Units 1 and 2.

This modification will be made prior to the startup following the first refueling outage for Unit 1. For Unit 2, this modification will be made

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PDR

Boo! Limited Data



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ER 100450 File 841-2
Mr. A. Schwencer

prior to fuel load. In order to support the modification for Unit 2, PP&L will need to have your staff's acceptance by June 15, 1983.

If you have any questions, please call.

Very truly yours,



N. W. Curtis
Vice President-Engineering & Construction-Nuclear

Attachments

cc: R. L. Perch - NRC



1-1-72