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 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch 2

SUBJECT: Forwards relief requests from preservice insp program, consisting of Rev 4 to Relief Request 4 & Rev 2 to Relief Request 6 adding four welds in unexamined code vol.

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INTERNAL:	ACRS		16	10	10	ADM/LFMB			1	0		
	ELD/HDS4			1	0	NRR/DE/MEB	15		1	1		
	NRR/DE/MTEB		14	1	1	NRR/DL/TAPMG			1	1		
	<u>REG FILES</u>		04	1	1	RGN1			1	1		
EXTERNAL:	LPDR		03	2	2	NRC PDR	02		1	1		
	NSIC		05	1	1	NTIS			1	1		
NOTES:				3	3							

THE UNITED STATES OF AMERICA
 DISTRICT COURT OF THE DISTRICT OF COLUMBIA
 IN RE: [Illegible Name]
 Debtor.
 Chapter 11, Title 11, U.S.C.

Case No. [Illegible]
 Filed [Illegible]

Case No.	Debtor Name	Trustee Name	Trustee Address	Trustee Phone	Trustee Fax	Trustee Email
1	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
2	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
3	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
4	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
5	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
6	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]
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10	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]	[Illegible]

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Pennsylvania Power & Light Company

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

DEC 19 1984

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
Unit 1 PSI Program Relief Requests
ER 100450 FILE 841-4 & 899
PLA-2374

Docket No. 50-387

References: (1) PLA-2004 dated 12/21/83
(2) PLA-1551 dated 3/3/83

Dear Mr. Schwencer:

Attached is Revision 4 of Relief Request #4 and Revision 2 of Relief Request #6. The revision of Relief Request #4 covers the addition of four (4) welds requiring relief for small areas of unexamined code volume discovered during the review of the final report.

The revision of Relief Request #6 was identified after a discrepancy was noted between the Unit 1 and Unit 2 pump data relative to examination coverage. A supplemental surface examination was not performed as an alternate provision; however, in-service inspection requirements currently apply and selected welds will be inspected during the inspection interval as an indication of continued integrity. In addition, the welds will be subject to system pressure testing each inspection period (three periods make up the 10 year interval).

If you have any questions, please call.

Very truly yours,

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

Attachment

cc: M. J. Campagnone NRC - Washington
R. H. Jacobs NRC - Susq. SES
R. A. McBrearty NRC - Region I

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PDR ADDCK 05000387
Q PDR

RELIEF REQUEST #4

WELD IDENTIFICATION NUMBER	CODE CATEGORY AND ITEM NUMBER	SYSTEM	CONFIGURATION	NATURE OF OBSTRUCTION	% OF SCAN OBSTRUCTED	ASME SECTION III EXAMINATION	SAFETY IMPACT
VRR-B31-2-2R	BJ B4.5	Reactor Recirc.	Pipe to Tee	Instrumentation Nozzle	2%	RT,PT	Reactor Coolant Pressure boundary leak detection system detects leakage. Plant technical specifications require plant shutdown with greater than 5 gpm.
VNB-B-21-FW-B4	BJ B4.5	Main Steam	Elbow to Valve	I-Beam	5%	RT,PT	Weld cannot be isolated From the reactor coolant pressure boundary; however leak detection systems detect leakage. Plant technical specifications require shutdown with leakage greater than 5 gpm.
VNB-21-1-FW-C4	BJ B4.5	Main Steam	Elbow to Valve	I-Beam	5%	RT,PT	Weld cannot be isolated From the reactor coolant pressure boundary; however leak detection systems detect leakage. Plant technical specifications require shutdown with leakage greater than 5 gpm.
DBB-129-1-FW-11	CG C2.1	Main Steam	Cap. to Pipe	Branch Connection	7%	RT	Radiation monitor will Detect significant leakage. Leak can be isolated and plant shutdown accomplished through the use of safe shutdown systems or ECCS depending on size of leak.

mt/j245c:ncr

PRESERVICE INSPECTION
SUSQUEHANNA SES UNIT #1
RELIEF REQUEST #6

I. IDENTIFICATION OF COMPONENTS:

Class 1, Category BJ, pressure retaining welds in piping

Class 2, Category CF and CG pressure retaining welds in piping and pumps

II. CODE REQUIREMENT:

Category BJ - Table IWB-2600, Item Numbers B4.5, B4.6, B4.7 - of the ASME Code, 1974 Edition to Summer 1975 Addenda requires volumetric examination of 100%* of circumferential welds, longitudinal welds, and branch connections be performed completely as a preservice examination requirement prior to initial plant start-up.

Category CF/CG - Table IWC-2600, Item Numbers C2.1, C2.2, C2.3, C3.1 - of the ASME Code, 1974 Edition to Summer 1975 Addenda requires volumetric examination of 100% and 50%*, respectively of circumferential discontinuity welds, longitudinal welds, and branch connection welds be performed completely as a preservice examination requirement prior to initial plant start-up.

*Excluding those exempt per IWB-1220, IWC-1220.

ASME Appendix III, Winter 1975 Addenda, requires an angle beam examination of the weld and required volume (the lesser of $\frac{1}{2}$ " or 1") be performed scanning both normal and parallel to the weld.

III. BASIS FOR RELIEF:

Relief is required from the ASME Section XI examination requirements on the basis of inaccessibility of the weld and required volume due to geometric configuration.

mts/b129c:rld



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WELD IDENTIFICATION NUMBER	CODE CATEGORY AND ITEM NUMBER	SYSTEM	CONFIGURATION	NATURE OF OBSTRUCTION	% OF SCAN OBSTRUCTED	ASME SECTION III EXAMINATION	SAFETY IMPACT
1P202A,B,C,D		Residual Heat Removal (Pump Welds)					
-361-5-13	CF C3.1	"	Shell to Suction Nozzle	Limited Scan Due to Part Geometry	10%	RT	During normal plant power operation, the pump welds are not pressurized. During normal system operation, welds are under a maximum pressure of 460 psig. Leak detection system detects significant leakage; leakage can affect one (1) RHR loop. Plant can be safely cooled down by unaffected RHR loop.
-361-3-13	CF C3.1	"	Suction Nozzle to Flange	"	30%	RT	
-361-5-8	CF C3.1	"	Top Closure Plate to Shell	"	5%	RT	
-361-4-6	CF C3.1	"	Discharge Elbow to Flange	"	30%	RT	
-361-1-5	CF C3.1	"	Shell to Head Hub Flange	"	45%	RT	
1P206,A,B,C,D		Core Spray (Pump Welds)					
-361-5-13	CG C3.1	"	Shell to Suction Nozzle	Limited Scan Due to Part Geometry	10%	RT	During normal plant power operation, welds are not pressurized. During normal system operation, weld is under a maximum pressure of 475 psig. Leak detection system detects significant leakage which can affect one (1) core spray loop. Plant can be safely cooled down by unaffected core spray loop.
-361-4-6	CG C3.1	"	Discharge Elbow to Flange	"	20%	RT	
-361-5-6	CG C3.1	"	Discharge Elbow to Shell	"	10%	RT	

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.

2. The second part of the document deals with the economic situation and the measures taken to improve the living standards of the population. It highlights the achievements in the agricultural and industrial sectors.

3. The third part of the document focuses on the social and cultural developments. It describes the efforts to improve the education system and the promotion of social justice.

4. The fourth part of the document addresses the international relations and the country's stance on global issues. It emphasizes the commitment to peace and cooperation with other nations.

5. The fifth part of the document discusses the political structure and the role of the government. It outlines the principles of democratic governance and the participation of the people in the decision-making process.

6. The sixth part of the document concludes with a summary of the achievements and a call for continued effort and unity among the people to achieve the goals of the revolution.

7. The seventh part of the document provides a detailed analysis of the challenges facing the country and the strategies to overcome them. It stresses the need for a strong and united leadership.

8. The eighth part of the document offers a vision for the future of the country, based on the principles of socialism and the interests of the working people.

9. The ninth part of the document contains the final remarks and the signature of the author.

10. The tenth part of the document is a declaration of the author's commitment to the cause of the revolution and the people.