

NOV 12 2002



LRN-02-0394

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Gentleman:

**REQUEST FOR ADDITIONAL INFORMATION
INSERVICE INSPECTION PROGRAM RELIEF REQUEST
S1-RR-B01
SALEM GENERATING STATION- UNIT 1
FACILITY OPERATING LICENSE DPR-70
DOCKET NOS. 50-272**

By letter dated January 8, 2002, PSEG Nuclear LLC (PSEG) submitted two requests (S1-RR-B01 and S1-RR-C01) for relief from the requirements of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, for Salem Generating Station, Unit No. 1 (Salem 1). The requests for relief are for the second 10-year inservice inspection (ISI) interval in which Salem adopted the 1983 Edition of ASME Section XI, including Summer 1983 Addenda, as the Code of record.

The Nuclear Regulatory Commission staff discussed the subject relief requests with PSEG staff on October 18, 2002. In response to the Nuclear Regulatory Commission's request, PSEG Nuclear is providing written clarification of the material composition and configuration of piping associated with the pressurizer relief and spray lines and steam generator nozzle to cast stainless steel elbows.

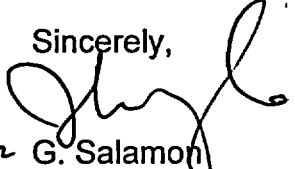
The Pressurizer relief and spray line 'nozzle to safe-end' welds 6-PR-1104-1 (Summary No. 023400), 6-PR-1103-1 (Summary No. 024600), 4-PS-1131-29 (Summary No. 033500) and 4-PR-1100-1 (Summary No. 025900) do not contain Alloy 600 type material as evidenced by Attachment 1 drawing and information.

The Steam Generator nozzle-to-elbow welds 31-RC-1130-2R1 (Summary No. 039200), 29-RC-1130-5R1 (Summary No. 050210), and 29-RC-1120-5R1 (052600) contain a single bead of Alloy 600 material located on the outside of the pipe. The Alloy 600 material is not in contact with the primary reactor water coolant located on the inside of the piping as evidenced by Attachment 2 drawing and information.

A047

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Should you have any questions regarding this information, please contact Mr. Howard Berrick at 856-339-1862.

Sincerely,

for G. Salamon
Manager – Nuclear Safety and Licensing

Attachment:

- I. Pressurizer Relief and Spray Lines Nozzle to safe-end Weld Configurations
- II. Steam Generator Nozzle to Cast Stainless Steel Elbow Weld Configurations

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U.S. Nuclear Regulatory Commission
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USNRC Senior Resident Inspector - Salem (X24)

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Bureau of Nuclear Engineering
P. O. Box 415
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Attachment 1

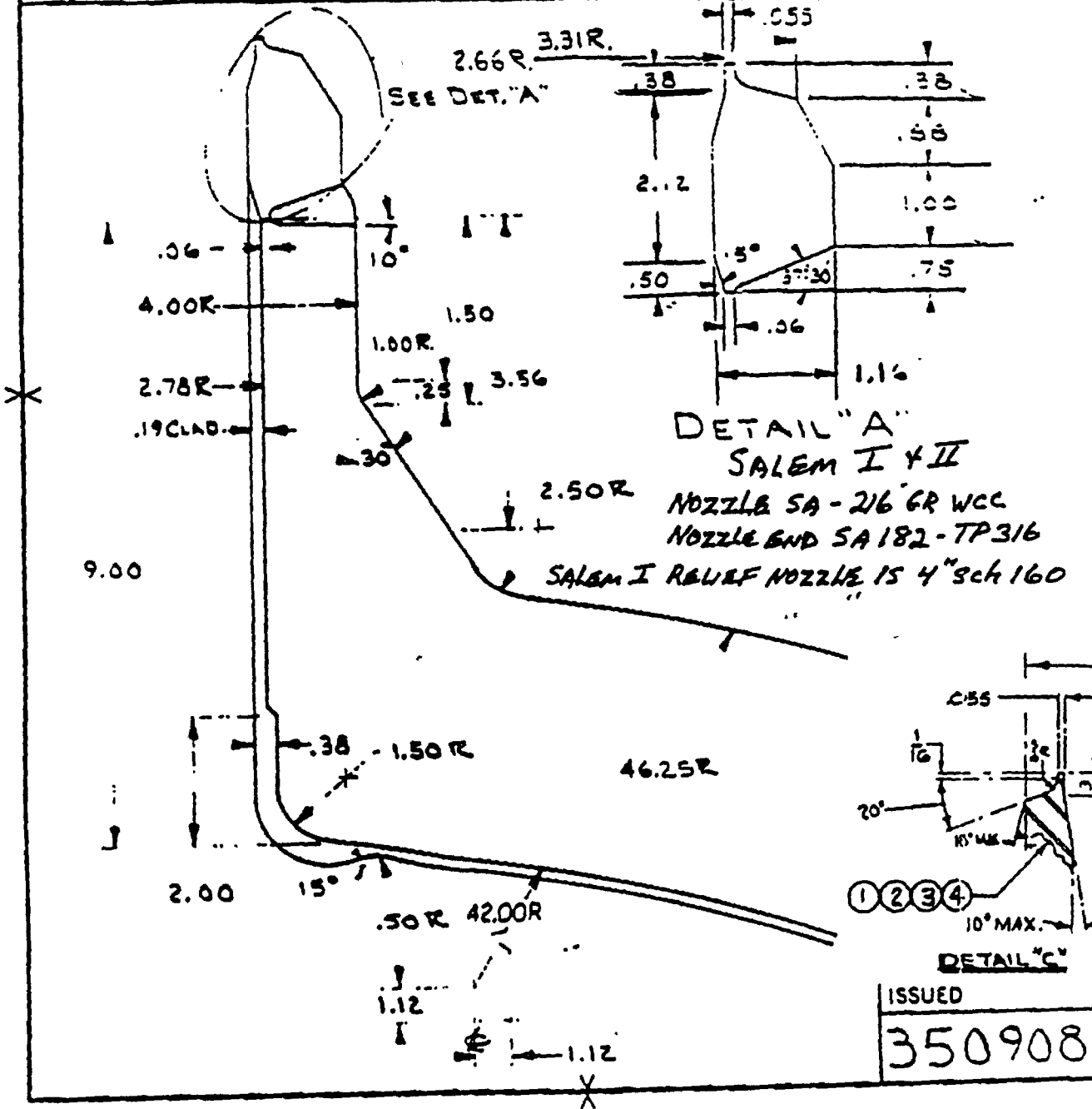
Pressurizer Relief
and
Pressurizer Spray Lines
Nozzle
to
Safe-end
Weld Configurations

PRESSURIZER

1							THIS DOCUMENT IS THE PROPERTY OF AND CONTAINS PROPRIETARY INFORMATION OWNED BY THE TAMPA DIVISION OF WESTINGHOUSE ELECTRIC CORPORATION AND IS MADE AVAILABLE TO YOU UNDER A CONFIDENTIAL RELATIONSHIP AND SUBJECT TO THE FOLLOWING UNDERSTANDING, CONDITIONS AND RESTRICTIONS: NO PERMISSION IS GRANTED TO PUBLISH, USE, REPRODUCE, TRANSMIT OR DISCLOSE TO ANOTHER THIS DOCUMENT OR ANY INFORMATION CONTAINED THEREIN WITHOUT THE EXPRESS WRITTEN PERMISSION OF SAID DEPARTMENT IN ADVANCE.	NUMBER LAST USED	
50	DEFM. U.S. (W. E. C.)	CHKD	QC	DSGN	M & W	ENGR. U.S. (W. E. C.)		MFG	REF SIM PARTS
IT	CHANGE								
	R1 10/22/74	M1 11/22/74	1	2					

WESTINGHOUSE ELECTRIC CORPORATION TAMPA DIVISION TAMPA, FLA

TITLE: 6-IN SCH. 160 SAFETY & RELIEF NOZ. (CAST 111-C)

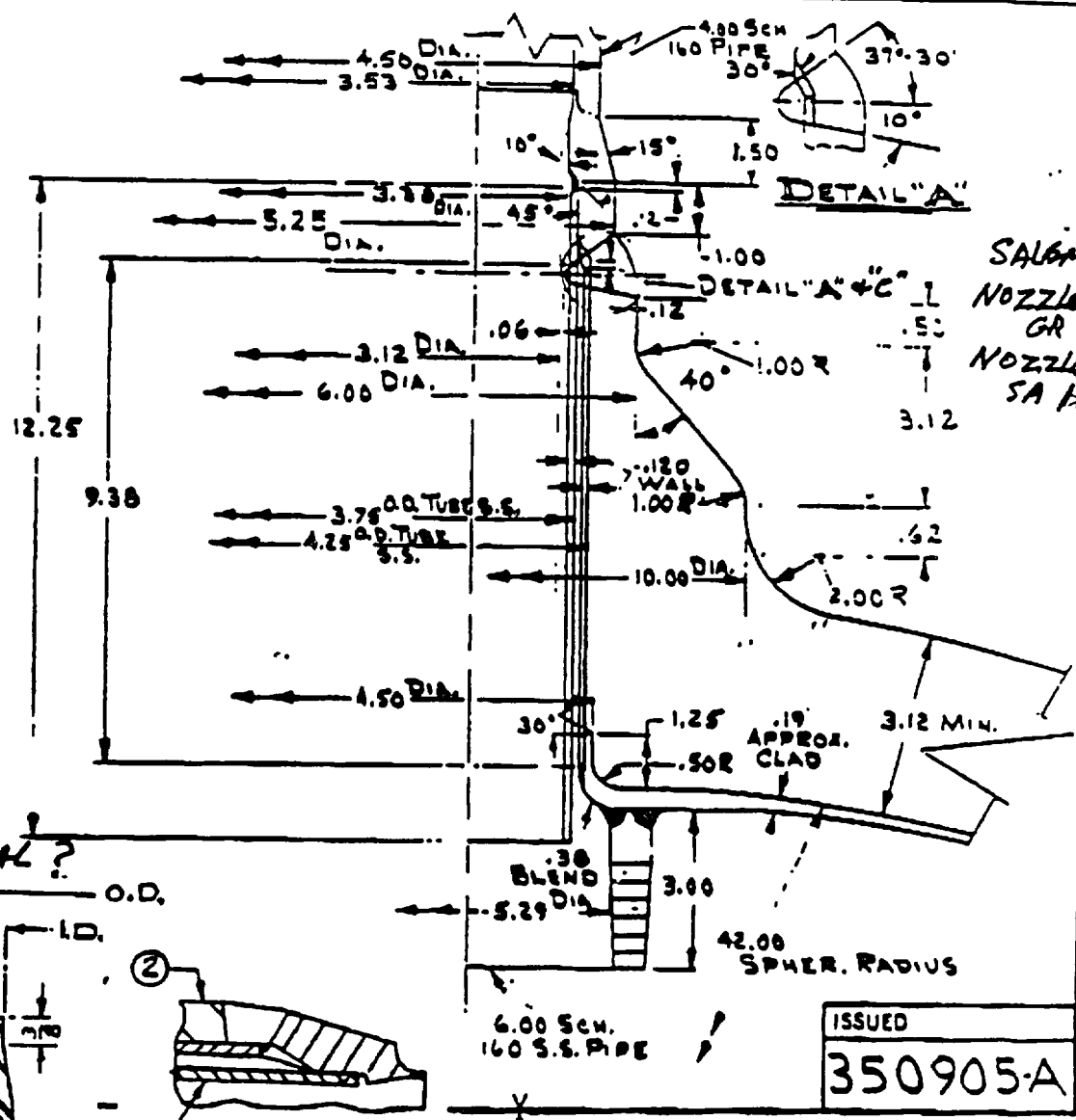


PRESSURIZER

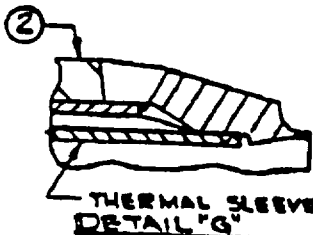
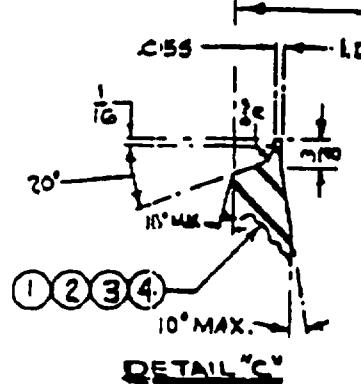
SO	1	DATE	12/11/54	CHKD.		Q.C.		DSGN.		M & W		ENGR.	J. J. ...	INSTR.		REF	SAM PARIS	IT	1	REVISED	1/5/72	3	REVISION		REVISED	1/5/72	5	NUMBER LAST USED	
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WESTINGHOUSE ELECTRIC CORPORATION TAMPA DIVISION TAMPA FLA
 TITLE: PRESSURIZER SPRAY NOZZLE (CAST HEAD)



WELD MATERIAL?



Attachment 2

Steam Generator

Nozzle

to

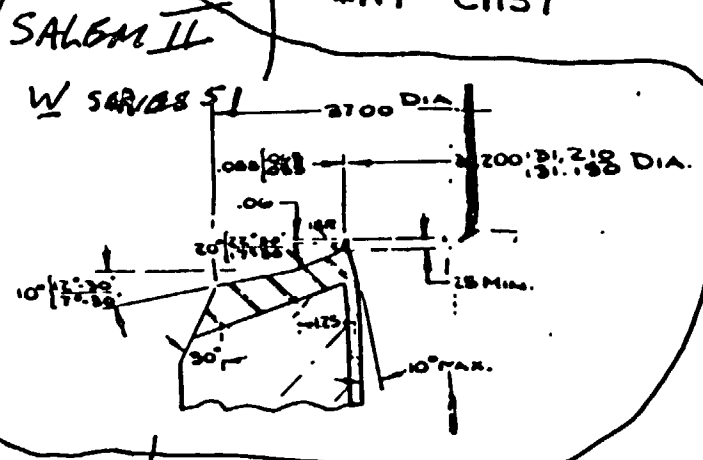
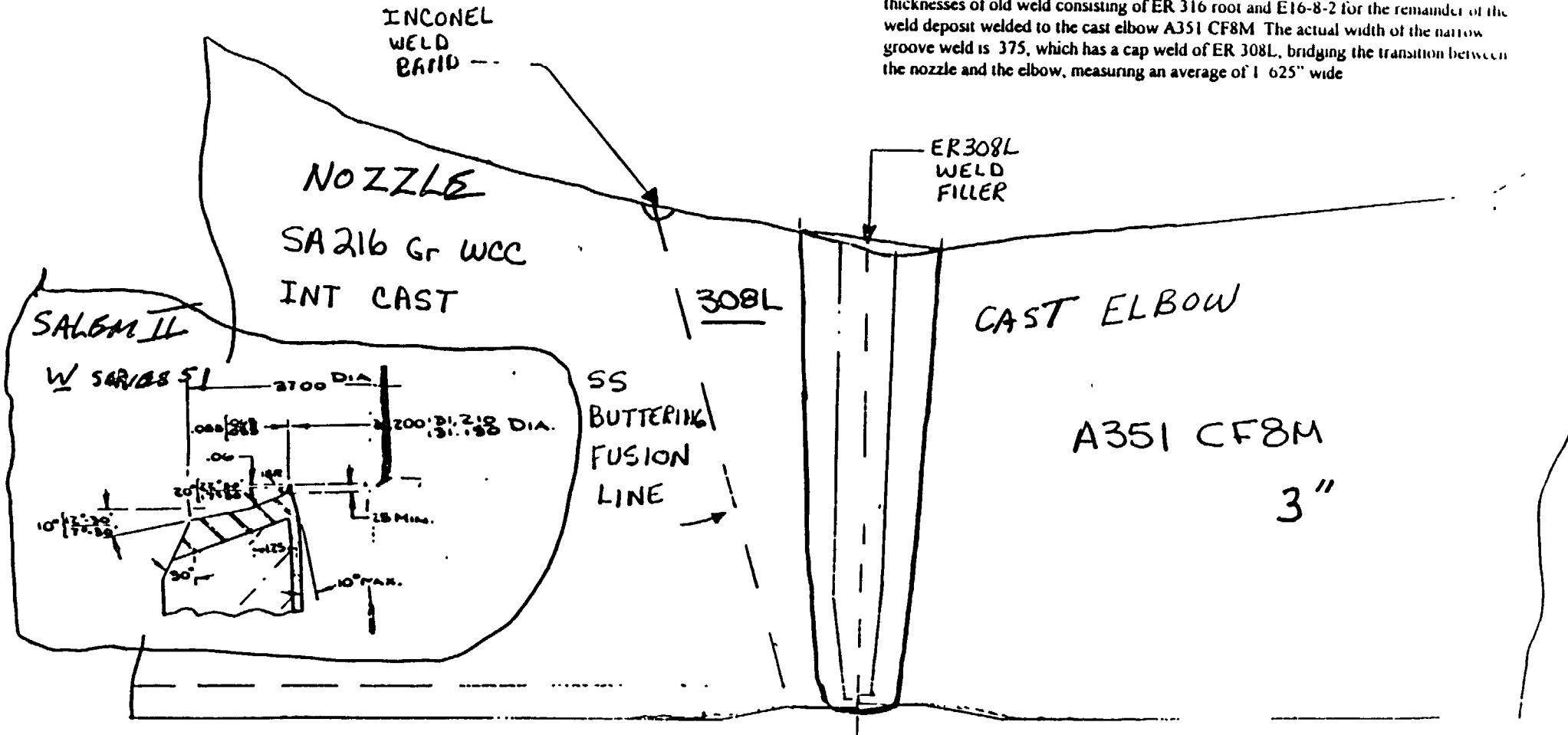
Cast Stainless Steel

Elbow

Weld Configurations

SALEM I S/G REPLACEMENT PRIMARY NOZZLE W 4 LOOP MODEL "F"

The new welds consists of SA 216 Gr WCC cast nozzle, Inconel weld band 308L old weld from the hydro cap welded at Seabrook, 308L narrow groove weld, various thicknesses of old weld consisting of ER 316 root and E16-8-2 for the remainder of the weld deposit welded to the cast elbow A351 CF8M. The actual width of the narrow groove weld is .375, which has a cap weld of ER 308L, bridging the transition between the nozzle and the elbow, measuring an average of 1.625" wide



Hydrocap welds - 308L

CROSS OVER 31" DIA. } SS.
HOT LEG 29" DIA. } NOMINAL PIPE
THICKNESS 2, 312

Original welds for OSBs
ER 316 for first 3/8"
E16-8-2 for the remainder
of the weld deposits
Equivalent to P-No 8 Materials