HALLIBURTON NUS
Environmental Corporation

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

Gentlemen:

RESPONSE TO GENERIC LETTER 92-01, REVISION 1
REACTOR VESSEL STRUCTURE INTEGRITY, 10CFR50.54(f)
SALEM GENERATING STATION UNIT NOS. 1 AND 2
FACILITY OPERATING LICENSE NOS. DPR-70 AND DPR-75
DOCKET NOS. 50-272 AND 50-311

Generic Letter 92-01, Revision 1 requests PSE&G to submit information to enable the NRC to assess compliance with 10CFR50.60 and 10CFR50.61, and the fracture toughness and material surveillance requirements for the Reactor Coolant Pressure Boundary set forth in 10CFR50, Appendix G and H.

The Salem Generating Station Unit Nos. 1 and 2 responses to Generic Letter 92-01, Revision 1 are provided in Attachment 1 and 2, respectively.

Please do not hesitate to contact us if there are any questions regarding this submittal.

Sincerely,

Steven E. Miltenberger

Attachments
Affidavit

TABLE 12

SALEM UNIT 2

MATERIALS CERTIFICATION INFORMATION

The following information was taken from "Salem Units 1 and 2 Reactor Vessel Weld Data" CE Inc., Design Input File T01.5-020, November 1985, and WCAP-8824, "PSE&G Co. Salem Unit No. 2 Reactor Vessel Radiation Surveillance Program," January 1979.

Component: Weld Surveillance Material
Weldment made from intermediate shell plates B4712-1 and B4712-2

Heat No.: 13253

Flux: Linde 1092, Lot No. 3833 and Linde 1092, Lot No. 3774

Chemical Analysis

C	Mn	P	S	Si	Ni	Mo	Cu	Cr
.10	1.27	.017	.011	.29	.71	.45	.23	.015

Charpy Impact and Fracture Tests

Temp., °F	Energy, ft-lbs	% Shear	Mils Lateral Exp.
-100	4.5	2	1
-100	11	6	2.5
-100	6	15	1
-50	11	18	7.5
-50	4	20	11
-50	35.5	29	27
0	48.5	52	42
0	72	52	36
0	63.5	62	50
40	71	59	56
40	50.5	55	44
40	80.5	79	62
100	86	100	81
100	96.5	90	74.5
100	106.5	100	80
210	112	98	82
210	111.5	100	86
210	111.5	100	85.5

Temp., °F	Drop Weights	NDT	RTNDT	USE
Performed by CE		-40°F	-20°F	111 ft-lbs

Heat Treatment

1150°F for 40 hours

ATTACHMENT 4
(Reference 4)

DIABLO CANYON POWER PLANT UNIT 1

Intermediate Shell Longitudinal Welds 2-442 A, B, and C
Lower Shell Longitudinal Welds 3-442 A, B, and C