

# PGE Portland General Electric Company

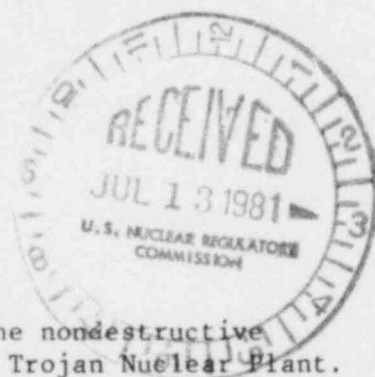
Bart D. Withers Vice President



June 29, 1981

Trojan Nuclear Plant  
Docket 50-344  
License NPF-1

Mr. R. H. Engelken, Director  
U. S. Nuclear Regulatory Commission  
Region V  
Walnut Creek Plaza, Suite 202  
1990 N. California Blvd.  
Walnut Creek, CA 94596



Dear Mr. Engelken:

IE Bulletin 80-08 requested information regarding the nondestructive examination of Containment penetration welds at the Trojan Nuclear Plant. The PGE to NRC responses dated July 2, 1980 and August 25, 1980 stated that although all of the welds were examined by radiography, documentation records could not be located for some of the penetration welds. All of the Trojan Nuclear Plant penetration weld radiographs have now been located. Table 1 of PGE's letter dated July 2, 1980 has been editorially corrected and updated accordingly (see attachment). No other changes are necessary. This action concludes PGE's response to IE Bulletin 80-08.

Sincerely,

Bart D. Withers  
Vice President  
Nuclear

Attachment

c: Mr. Lynn Frank, Director  
State of Oregon  
Department of Energy

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TABLE I  
 IE Bulletin 80-08  
 TROJAN NUCLEAR PLANT  
 CONTAINMENT PIPE PENETRATION

Penetration Number	Line Number and Size	Pipe Material	Backing Bars Used	Repair Work Done
1) P-1-1	3/4"-CCB-1	A-376/TY304	YES	NO
2) P-2-1	2"-CS-601R-4	A-312/TY304	YES	Yes a) Slag Inclusion
3) P-3-3	2"-CS-2501R-28	A-376/TY304	YES	Yes a) Slag Inclusion
4) P-5-2	2"-CS-2501R-28	A-376/TY304	YES	NO
5) P-7	4"-CS-151R-6	A-312/TY304	NO	NO
6) P-8	3"-CS-2501R-5	A-376/TY304	NO	NO
7) P-9	14"-RH-601R-5	A-358/TY304	NO	Yes a) Incomplete fusion
8) P-10	4"-PC-151R-1	A-312/TY304	NO	NO
9) P-11	12"-RH-2501R-19	A-376/TY316	NO	NO
10) P-12	3/4"-RC-2501R-21	A-376/TY304	NO	NO
11) P-13	3"-HCB-16	A-312/TY304	YES	NO
12) P-14-1	3/4"-HCB-17	A-312/TY304	YES	NO
13) P-17	3"-HCB-4	A-312/TY304	YES	NO
14) P-20	3"-RC-151R-19	A-312/TY304	YES	NO
15) P-21	3"-HBE-9	A-333 Gr6	YES	Yes a) Slag Inclusion b) Root Concavity
16) P-22	3"-HBE-8	A-333 Gr 6	YES	NO
17) P-40-2	3/4"-RC-151R-32	A-312/TY304	YES	NO
18) P-1-3	3/8"-RC-2505R-1	A-269/TY316	NO	NO
19) P-25	8"-HCB-11	A-312/TY304	YES	NO
20) P-26	10"-HCB-10	A-312/TY304	NO	NO
21) P-40-3	3/4"-SI-2501R-22	A-376/TY304	YES	NO

TABLE I

Penetration Number	Line Number and Size	Pipe Material	Backing Bars Used	Repair Work Done
22) P-28	14"-EBE-3	OUT A-106B INL A-333 Gr6	NO	NO
23) P-29	14"-EBE-3	OUT A-106B INL A-333 Gr6	NO	NO
24) P-30	14"-EBE-3	OUT A-106B INL A-333 Gr6	NO	NO
25) P-31	14"-EBE-3	OUT A-106B INL A-333 Gr6	NO	NO
26) P-32	28"-EBB-1	A-155 Gr KCF-70	NO	NO
27) P-33	28"-EBB-1	A-155 Gr KCF-70	NO	NO
28) P-34	28"-EBB-1	A-155 Gr KCF-70	NO	NO
29) P-35	28"-EBB-1	A-155 Gr KCF-70	NO	NO
30) P-36-1	2"-EBE-6	A-335 Gr	NO	NO
31) P-37-1	2"-EBE-6	A-335 Gr6	NO	NO
32) P-38-1	2"-EBE-6	A-335 Gr6	NO	NO
33) P-39-1	2"-EBE-6	A-335 Gr6	NO	NO
34) P-40-1	1"-SI-602N-1	A-106B	YES	NO
35) P-14-2	3/4"-GCB-10	A-312/TY304	YES	NO
36) P-42	14"-HBE-2	A-333 Gr6	NO	Yes a) Surface Defect
37) P-43	14"-HBE-3	A-333 Gr6	NO	Yes a) Root Concavity
38) P-44	3"-SI-2501R-3	A-376/TY304	NO	NO
39) P-45	4"-SI-2501R-1	A-376/TY304	YES	NO
40) P-46	8"-SI-2501R-31	A-376/TY304	YES	NO
41) P-47	8"-SI-2501R-31	A-376/TY304	YES	Yes a) Hole in backing ring
42) P-48	10"-HCB-9	A-358/TY304	YES	NO

TABLE I

<u>Penetration Number</u>	<u>Line Number and Size</u>	<u>Pipe Material</u>	<u>Backing Bars Used</u>	<u>Repair Work Done</u>
43) P-49	10"-HCB-9	A-358/TY304	NO	NO
44) P-50	18"-GCB-5	A-358/TY304	NO	Yes a) Slag Inclusion
45) P-51	18"-GCB-5	A-358/TY304	YES	NO
46) P-16-3	3/4"-CCB-1	A-376/TY304	YES	NO
47) P-14-3	3/4"-CCB-1	A-376/TY304	YES	NO
48) P-54	3"-HCB-15	A-312/TY304	NO	Yes a) Slag inclusion b) Incomplete fusion
49) P-55	3"-HCB-12	A-312/TY304	NO	NO
50) P-56-1	1"-HCC-19	A-312/TY304	YES	NO
51) P-57-1	4"-HBE-11	A-333 Gr6	YES	NO
52) P-58	3"-HCB-3	A-312/TY304	YES	Yes a) Slag inclusion
53) P-62	1"-HCB-20	A-312/TY304	YES	NO
54) P-63	4"-SI-2501R-1	A-376/TY304	NO	NO
55) P-65	1"-HCB-20	A-312/TY304	YES	NO
56) P-68	8"-HBE-14	A-333 Gr6	NO	NO
57) P-69	1"-HCB-20	A-312/TY304	YES	NO
58) P-70	4"-SI-2501R-1	A-376/TY304	NO	NO
59) P-71	1"-HCB-20	A-312/TY304	YES	NO
60) P-72	8"-HBE-14	A-333 Gr6	NO	NO
61) P-74	14"-HBE-7	A-333 Gr6	NO	Yes a) Root Concavity
62) P-76	14"-HBE-5	A-333 Gr6	NO	Yes a) Root Concavity
63) P-101-1	8"-HBE-16	A-333 Gr6	YES	Yes a) Slag inclusion
64) V-18	54"-HBE-15	A-333 Gr6	NO	Yes a) Slag inclusion b) Porosity
65) V-19	54"-HBE-15	A-333 Gr6	NO	Yes a) Slag inclusion b) Incomplete fusion

TABLE I

<u>Penetration Number</u>	<u>Line Number and Size</u>	<u>Pipe Material</u>	<u>Backing Bars Used</u>	<u>Repair Work Done</u>
66) P-3-2	2"-CS-2501R-28	A-376/TY304	YES	Yes a) Slag inclusion
67) P-5-3	2"-CS-2501R-28	A-376/TY304	YES	NO
68) P-5-1	1"-GBB-1	A-333 Gr6	YES	NO
69) P-36-2	3/4"-EBE-6	A-333 Gr6	NO	NO
70) P-37-2	3/4"-EBE-6	A-333 Gr6	NO	NO
71) P-38-2	3/4"-EBE-6	A-333 Gr6	NO	NO
72) P-39-2	3/4"-EBE-6	A-333 Gr6	NO	NO
73) P-37-3	2"-HBE-17	A-333 Gr6	NO	NO
74) P-39-3	2"-HBE-17	A-333 Gr6	YES	NO
75) P-101-2	8"-HBE-16	A-333 Gr6	YES	Yes a) Slag inclusion
76) P-57-2	4"-JBD-35	A-333 Gr 6	NO	NO
77) P-56-2	1"-HCB-19	A-312/TY304	YES	NO

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