

LICENSEE EVENT REPORT

8005130582

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | P | A | B | V | S | 1 | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 4 | 5

01 | L | 6 | 0 | 5 | 0 | 0 | 0 | 3 | 3 | 4 | 7 | 0 | 4 | 1 | 5 | 8 | 0 | 3 | 0 | 4 | 3 | 0 | 8 | 0 | 9

02 | During a tank modification project, Beaver Valley field engineers reported on
03 | 4/15/80 that a weld on one of the 12" nozzle penetrations to the Refueling Water
04 | Storage Tank [OS-TK-1] does not conform with the manufacturer's design. This tank
05 | [OS-TK-1] was manufactured by Graver Tank and Mfg. Co. This condition was
06 | discovered during the process of adding an internal elbow to the tank. The design
07 | specification called for all tank penetrations to be full penetration welds. As
08 | found, the piping penetrations are seal welded on the inside (continued on attached)

09 | S | F | 11 | B | 12 | C | 13 | A | C | C | U | M | U | 14 | Z | 15 | Z | 16
17 | 8 | 0 | 2 | 5 | 0 | 1 | T | 0
18 | Z | 19 | Z | 20 | Z | 21 | 0 | 0 | 0 | 0 | Y | 23 | N | 24 | A | 25 | G | 2 | 1 | 5 | 26

10 | The cause of the problem is a manufacturer's failure to follow the design drawings
11 | supplied to them by their own company when erecting this tank on site. Beaver
12 | Valley is now in the process of detailing a means to test Demineralized Water
13 | Storage Tank [WT-TK-10] which is another Graver-manufactured tank erected on site.
14 | The following is a list of Graver tanks on site. (continued on attached)

15 | X | 28 | 0 | 0 | 0 | 0 | 29 | Design | C | 31 | Found during modification inspection

16 | Z | 33 | Z | 34 | N/A | N/A

17 | 0 | 0 | 0 | 0 | 37 | Z | 38 | N/A

18 | 0 | 0 | 0 | 0 | 40 | N/A

19 | Z | 42 | N/A

20 | N | 44 | N/A
NAME OF PREPARER: J. A. Werlinz
PHONE: 412-643-1258

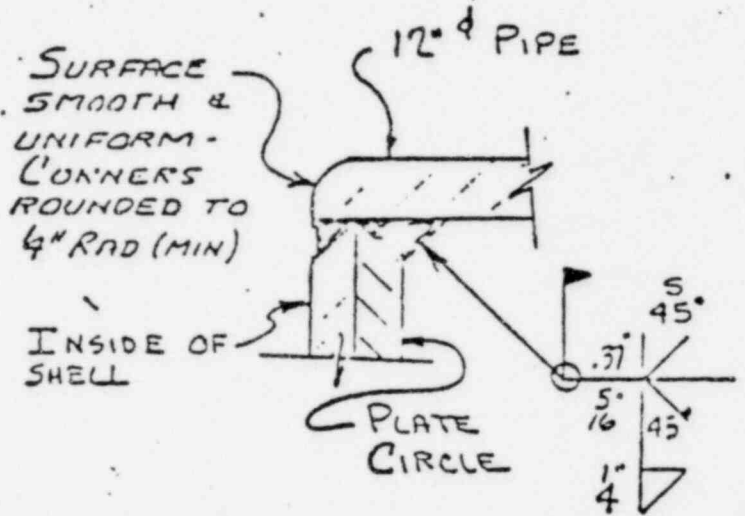
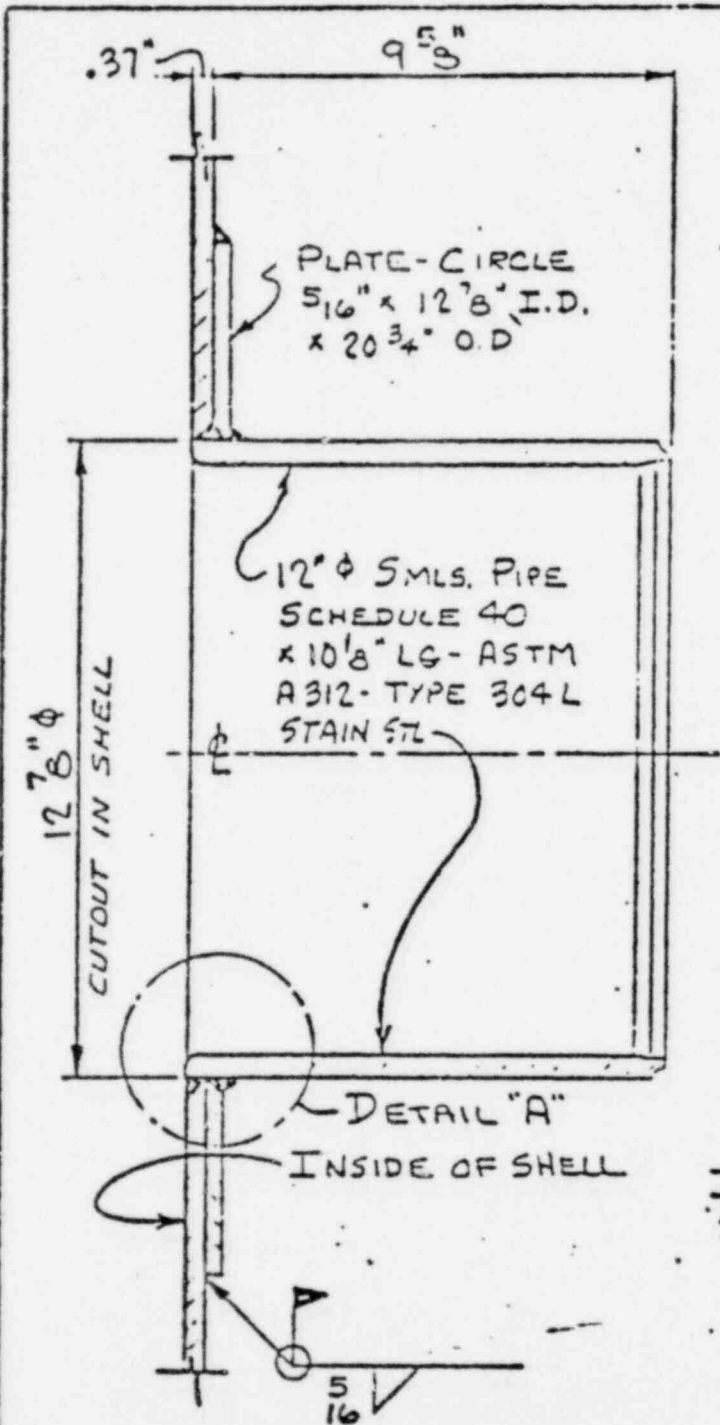
Attachment To LER 80-25/01T
Beaver Valley Power Station
Duquesne Light Company
Docket No. 50-334

Event Description And Probable Consequences (continued)

of the tank and a reinforcing pad external to the tank is fillet welded. (See attached drawing of one 12" penetration). The stress analysis for the "as found" weld has not yet been completed so no probable consequences can be advanced. The results of this analysis will be identified in a followup report.

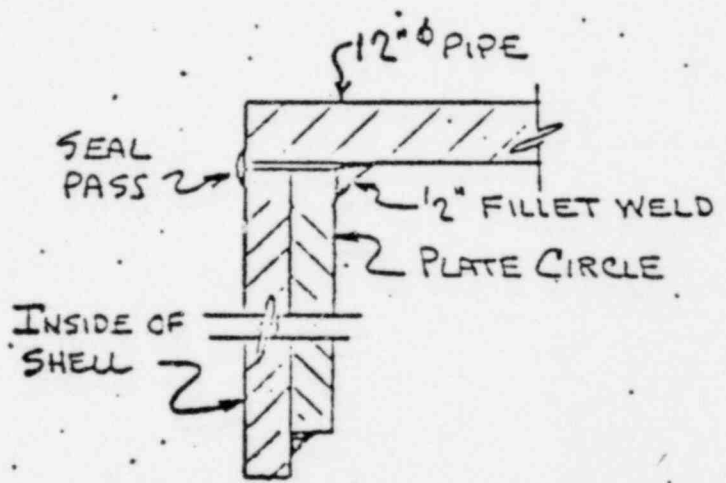
Cause Description And Corrective Actions (continued)

Demineralized Water Storage Tank [WT-TK-10], Boron Recovery Test Tanks [BR-TK-2A] and [BR-TK-2B], Coolant Recovery Tanks [BR-TK-4A] and [BR-TK-4B] and Primary Water Storage Tanks [BR-TK-6A] and [BR-TK-6B]. At the present time, Demineralized Water Storage Tank [WT-TK-10] will be inspected and repaired, if found to need it. There is no program at the present time to test any of the non-safety related tanks. Beaver Valley Onsite Engineering Group and a construction service crew will make all necessary repairs. No time frame for completion of the inspections has been set as of this date.



DETAIL "A"

AS PER GRAYER TANK DWG. B-314710



DETAIL - AS FOUND CONDITION IN QS-TK-1

SECTIONAL ELEVATION

AS PER GRAYER TANK DWG # B-31477-0

POOR ORIGINAL