

WEP Closure Statement Evaluation Report	<u>EMPLOYEE CONCERN GROUP CLOSURE</u> 18-INCH CARBON STEEL PIPE LOCATED IN THE REACTOR BUILDING AT THE 713-FOOT ELEVATION NEAR THE PERSONNEL/ EQUIPMENT HATCH WEP GROUP IDENTIFIER <u>EC-SP-7</u>	Page <u>1</u> of <u>3</u> Date <u>11/20/86</u> Revision <u>0</u> WEP Group No <u>007</u>
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Approved _____ Date _____
 Reviewed A. E. Bradford 11/21/86 Prepared H. Richardson

Address the following items in the space remaining on this page and on additional pages as needed (see Standard Practice WEP 3.1.10 for specific instructions).

1. Employee Concern(s)/Quality Indicator(s)	5. Findings
2. Characterization of Issue	6. Conclusions
3. Summary	7. References
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1. Employee Concern(s)/Quality Indicator(s) (Reference 7.1)
 Employee Concern IN-85-080-001.

2. Characterization of Issue
 The employee concern states a problem in which an 18-inch carbon steel pipe located in Watts Bar Nuclear Plant (WBNP) Unit 1 Reactor Building near the personnel/equipment hatch has arc strikes that were left unrepaired. Tennessee Valley Authority (TVA) General Construction Specification G29 (Reference 7.2) states that, "all welds and adjacent base material where applicable shall be free of cracks, overlap and undercut in excess . . . weld spatter, and arc strikes."

3. Summary
 The Department of Energy/Weld Evaluation Project (DOE/WEP) investigated the employee concern and determined that there is no 18-inch pipe in the Reactor Building near the personnel/equipment hatch. During a DOE/WEP Engineering walkdown, it was discovered that a 14-inch temporary line supplying raw cooling water to the Reactor Building coolers does exist in WBNP Unit 2. DOE/WEP Engineering concludes that the Concerned Individual (CI) was either referencing a problem on a temporary line located in WBNP Unit 1 which subsequently has been removed or the CI was mistakenly referencing a 14-inch temporary line installed in WBNP Unit 2 (Reference 7.3) which will be removed following the completion of construction on Unit 2.

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4. Evaluation Methodology

The DOE/WEP Assessment Plan (Reference 7.4) required a one hundred percent (100%) examination of the subject welds. During a DOE/WEP preliminary engineering analysis, it was determined that weld examination was inappropriate and that an engineering system walkdown and drawing review could satisfactorily resolve this issue.

5. Findings

DOE/WEP performed an extensive investigation which included the following:

- a. Walkdowns of all areas around the personnel/equipment hatch in an attempt to locate the pipe.
- b. Reviews of piping drawings to determine whether any pipe with an 18-inch diameter exists in the area around the personnel/equipment hatch.

An 18-inch carbon steel line with insulation could not be found at the location described in the employee concern.

The Tennessee Valley Authority/Weld Task Group (TVA/WTG) performed a thorough investigation and also could not locate an 18-inch carbon steel line in WBNP Unit 1 (Reference 7.5).

6. Conclusions

DOE/WEP concluded after a thorough review of all information pertaining to this employee concern, including findings and information obtained from TVA/WTG, that no problem exists as no 18-inch pipe or any pipe of comparable size could be located anywhere within the vicinity of the personnel/equipment hatch in WBNP Unit 1. The CI was either referencing a problem on a temporary line located in WBNP Unit 1 which subsequently has been removed or the CI was mistakenly referencing a 14-inch temporary line installed in WBNP Unit 2. This line in Unit 2 will be removed following the completion of construction on Unit 2. Based on this information, DOE/WEP considers this employee concern closed.

7. References

- 7.1 Original employee concern as listed in Section 1.

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- 7.2 TVA General Construction Specification G29, Process Specification 3.M.5.1 (R6), Part B, Section B.1.1.
- 7.3 EG&G Idaho Notegram to A. E. Bradford from H. Richardson, dated April 8, 1986.
- 7.4 DOE/WEP Assessment Plan 007, dated March 28, 1986.
- 7.5 TVA Memorandum C24 860326001.