United States Nuclear Regulatory Commission Official Hearing Exhibit
In the Matter of: Entergy Nuclear Operations, Inc. (Indian Point Nuclear Generating Units 2 and 3)
ASLBP #: 07-858-03-LR-BD01
Docket #: 05000247 | 05000286
Exhibit #: ENT000437-00-BD01 Identified: 10/15/2012
Admitted: 10/15/2012 Withdrawn:
Rejected: Stricken:
Other:

ENT000437
Submitted: March 30, 2012

ATTACHMENT 7.1 **INSPECTION CHECKLIST**

Sheet 2 of 2

Piping / Tank IP3 8-inch Fire Protection Line (N/S) at N/W corner of the WHUT Pit **INSPECTION DATE:** 8/11/11

ELEVATION: El. 48'-0" **LOCATION DWG:** 9321-F-41823, Zone H-7 thru H-9 **INSPECTOR:** J. Peterson

		YES	NO	NOTE
1.	ANY BLISTERING (COATING)?	☐	☒	
2.	ANY PEELING (COATING)?	☐	☒	
3.	ANY FLAKING (COATING)?	☐	☒	
4.	ANY DELAMINATION (COATING)?	☐	☒	
5.	ANY EMBRITTLEMENT (COATING)?	☐	☒	
6.	ANY EMBEDDED ROCKS (COATING AND/OR METAL)?	☐	☒	coating inspection only
7.	ANY CRACKING (COATING AND/OR METAL)?	☐	☒	
8.	ANY RUST (METAL)?	☐	☒	
9.	ANY CORROSION (METAL)?	☐	☒	
10.	ANY FLAKING OR SCALING (METAL)?	☐	☒	N/A - carbon steel piping was externally coated.
11.	ANY MECHANICAL DAMAGE (METAL)?	☐	☒	N/A - as above
12.	ANY NICKS, GOUGES OR ARC STRIKES (METAL)?	☐	☒	N/A - as above
13.	ANY TUBERCLES (METAL – IF INTERNAL INSPECTION)?	☐	☐	N/A

GENERAL APPEARANCE (Inspector):

All exposed 8-inch piping was externally coated and wrapped carbon steel. The coating and wrap was in very good condition, with NO evidence of flaking, embrittlement, separation from metal, bubbling, blistering, delamination, etc. The entire length of exposed pipe was approx. 35 feet, of which approx. 10 feet was inspected in detail. The inspected length of piping was deemed to be typical of the entire length of the excavated piping. Photographs of the excavated piping is attached to this report.

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Sheet 2 of 2

DEGRADATION FOUND? YES ☐ NO ☒ CR- _____

FURTHER EVALUATION REQUIRED? YES ☐ NO ☒

COMMENTS (Inspector):
1. This inspection was an opportunistic inspection conducted during excavation of the excavation of the area between the IP3 RWST and Waste Holdup Tank Pit (see attached sketch from drawing 9321-F-41823, Zone G-7/9) for the Dry Cask Travel Path mod.
2. Buried portions of a 6-inch FP line was also uncovered and inspected during this excavation activity. A separate inspection report documents the results of that inspection.

INSPECTOR(S) PRINT/SIGN/DATE: J. Peterson J.T. Peterson 8/11/2011

EVALUATION: ACCEPTABLE ☒ ACCEPTABLE WITH DEFICIENCIES ☐ UNACCEPTABLE ☐

RECOMMENDED ACTION (Program Owner): The results of this inspection will be captured in the Underground Piping and Tank Program database, and used to establish Reasonable Assurance of Integrity, and/or update future piping inspection priorities and schedules.

FUTURE MONITORING: ☐

The results of this inspection did not identify any problematic areas in the piping that would warrant future monitoring.

PREVENTIVE MAINTENANCE: ☐

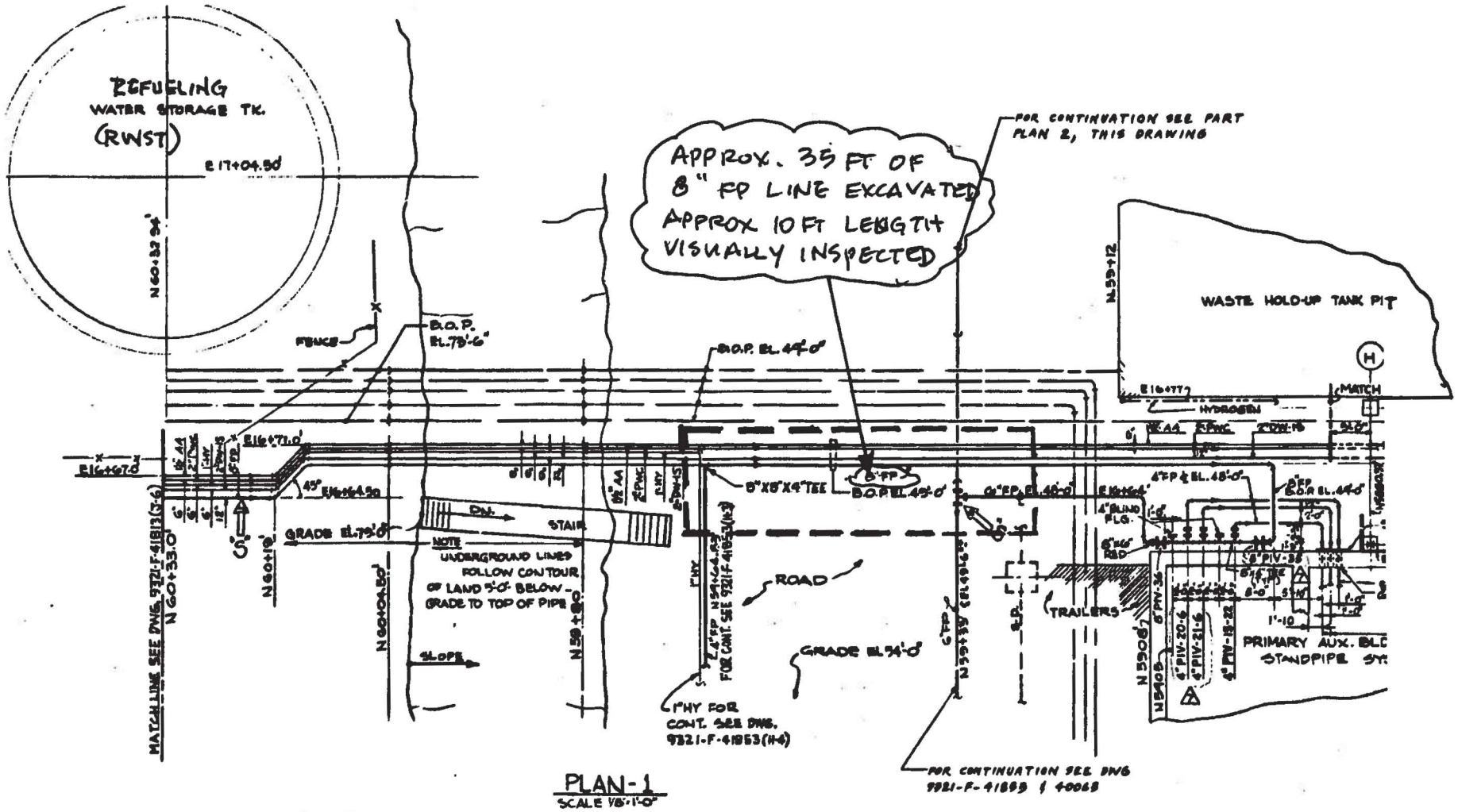
None recommended.

CORRECTIVE ACTIONS: ☐

None required.

PHOTOGRAPHIC OR VIDEO RECORDS ATTACHED? YES ☒ NO ☐

PROGRAM OWNER PRINT/SIGN/DATE: R.C. Lee RC Lee 8/12/11



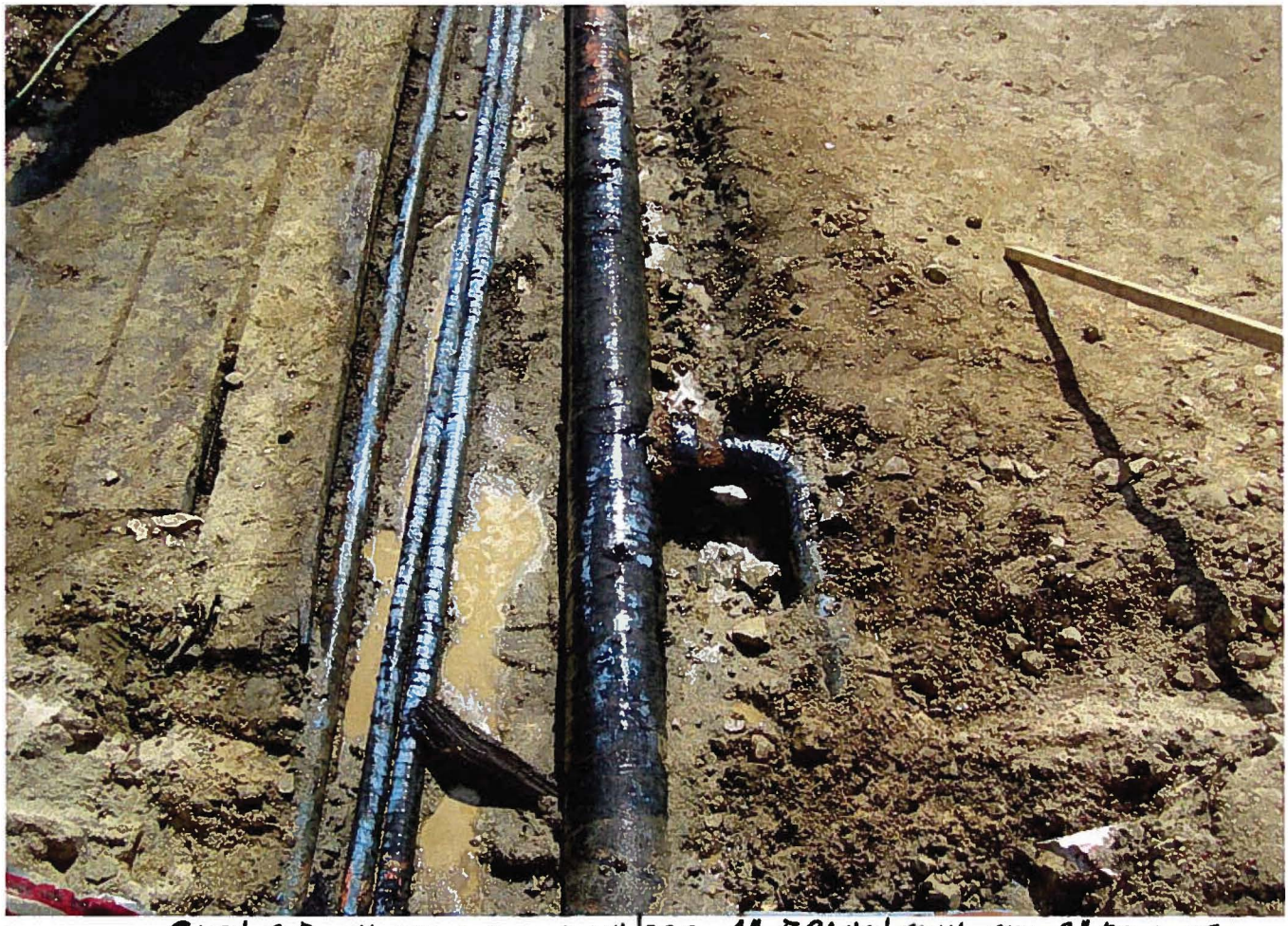
PLAN-1
SCALE 1/8"=1'-0"

REF: DWG 9321-F-41823

OPPORTUNISTIC INSPECTIONS OF BURIED PIPING DURING SHALLOW EXCAVATION ASSOCIATED WITH MODIFICATION EC (DRY CASK TRAVEL PATH RE-INFORCED CONCRETE ROADWAY)

↑ L-R: 1½" ADMIN. AIR, 2" POTABLE WATER, 2" DEMIN. WATER, 8" FP, 6" FP

APPROX 35 FT LENGTH OF PIPE EXPOSED



SOUTH END OF EXCAVATION WHERE 4" BRANCH CONN OFF 8" FP LINE

TOWARD NORTH END OF EXCAVATION;

SURFACE RUST ON FLANGED JOINT

RUST DISCOLORATION ON 8" FP LINE. THERE WAS NO TEARS OR DISCONTINUITIES IN TAPE WRAP. PIPE WRAP WAS CONTINUOUS AND TIGHTLY WRAPPED