


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 #: ENT000436-00-BD01
	Admitted: 10/15/2012
	Rejected: Other:
Identified: 10/15/2012 Withdrawn: Stricken:	

ENT000436
Submitted: March 30, 2012

ENTERGY	ENGINEERING STANDARD	EN-EP-S-002-MULTI	REV. 0
	Buried Piping and Tanks General Visual Inspection	PAGE 11 OF 12	

ATTACHMENT 7.1

INSPECTION CHECKLIST

Sheet 1 of 2

Piping / Tank	10-inch City Water/Fire Water Line at the IP2 Maintenance Training Facility (MTF)	INSPECTION DATE:	11/23/09
ELEVATION: 120' EL. (approx. grade)	LOCATION DWG: NYPA-3899-G-202-0, zone C-11	INSPECTOR:	R. Allen

NOTE

1. ANY BLISTERING (COATING)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
2. ANY PEELING (COATING)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
3. ANY FLAKING (COATING)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
4. ANY DELAMINATION (COATING)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
5. ANY EMBRITTLEMENT (COATING)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
6. ANY EMBEDDED ROCKS (COATING AND/OR METAL)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
7. ANY CRACKING (COATING AND/OR METAL)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
8. ANY RUST (METAL)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
9. ANY CORROSION (METAL)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
10. ANY FLAKING OR SCALING (METAL)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
11. ANY MECHANICAL DAMAGE (METAL)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
12. ANY NICKS, GOUGES OR ARC STRIKES (METAL)?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
13. ANY TUBERCLES (METAL – IF INTERNAL INSPECTION)?	YES <input type="checkbox"/> NO <input type="checkbox"/>	N/A-external inspection only

GENERAL APPEARANCE (Inspector): See attached photo documentation. Piping at the installed saddle (west) end of the excavation was relatively clean of soil adhering to the OD of the pipe, without requiring much cleaning. The east end of the piping required use of a water spray bottle to wet and clean off the hardened red clay-like soil adhering to the pipe OD to get to the pipe exterior. The pipe was coated with a painted on protective coating, which was observed to be in very good condition with no signs of discontinuities, peeling, separation, blistering, flaking, etc.

DEGRADATION FOUND? YES ☐ NO ☒ CR-_____

FURTHER EVALUATION REQUIRED? YES ☐ NO ☒

COMMENTS (Inspector): Opportunistic inspection of underground 10-inch fire water main running from Broadway in Westerly direction to the Interim Radwaste Storage Facility. Section of line on the south side of the Maintenance Training Facility (MTF) excavated as part of installation of a 1-inch tie-in to supply water to the MTF. (Ref. EC 13314). Approx. 8 foot length of piping was inspected. Section included a bell & spigot piping joint, and new saddle for a 1-inch branch supply to the MTF. Pipe in very good condition, no deficiencies noted.

INSPECTOR(S) PRINT/SIGN/DATE:

R. Allen

[Signature]

11/23/09

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INSPECTION CHECKLIST

Sheet 2 of 2

EVALUATION: ACCEPTABLE ☒ ACCEPTABLE WITH DEFICIENCIES ☐ UNACCEPTABLE ☐

RECOMMENDED ACTION (Program Owner): *RCDL 11/23/09*

Capture the results of this piping inspection in the BPT Program database (IDDEAL Scheduleworks).

FUTURE MONITORING: ☐

None required. Future inspections of this line will be as scheduled and managed under the IPEC Buried Pipe and Tank Program. Based on results of this inspection, any future inspections of this line should be at other locations.

PREVENTIVE MAINTENANCE: ☐

None required.

CORRECTIVE ACTIONS: ☐

None required.

PHOTOGRAPHIC OR VIDEO RECORDS ATTACHED?

YES ☒ NO ☐

Attachments: drawing showing excavated area location
Photographs (3 sheets)

REF: 850344-FM-005 EC13314

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12

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(NYPA - 3899-G-202-0)



DOTTED
LINE = EXCAVATED AREA

MAINTENANCE
TRAINING
FACILITY

FOR SECTION 'W-W', 'X-X',
'Y-Y' AND 'Z-Z' SEE
DRAWING 5001942

5'-8"±6"

HYDRANT
NO. 8

N 78° 15' 05" E

MACADAM ROAD

DUCT

MAIN

BROADWAY



10" City Water / Fire Line to Tipton Waste Storage Facility. Orangeish - mat' on pipe OD was hardened red-clay-like soil, which could be removed w/ water spray + light wiping.



10" Bell and Spigot joint



Plan view of Saddle clamp and 1" branch to MTF



10" Bell & Spigot joint.



Plan view of excavated pipe. WEST is to the right



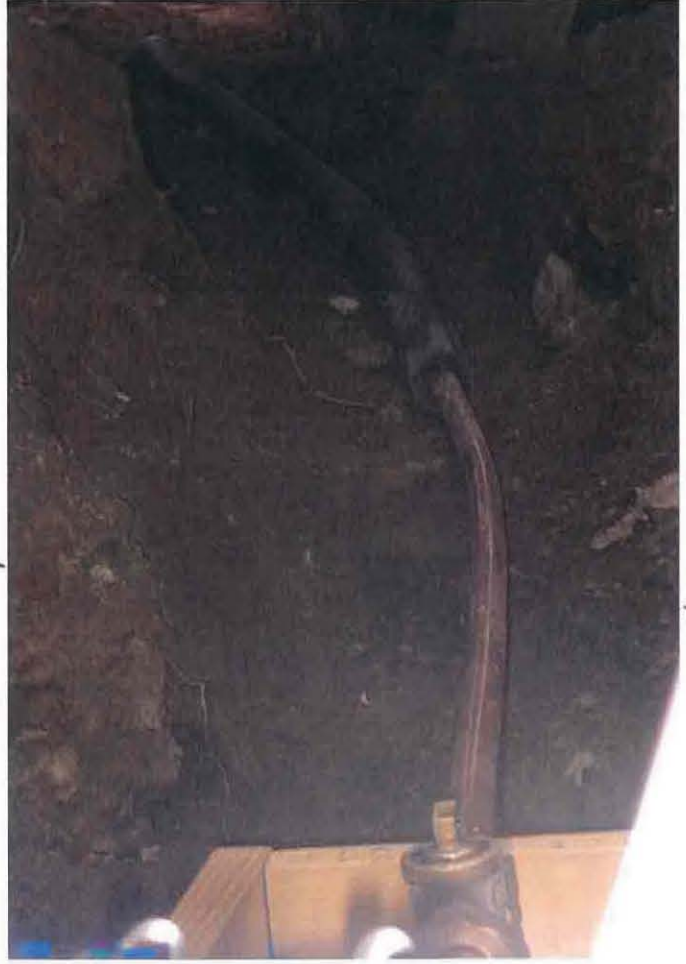
10" CW piping Bell & Spigot Joint



1" Branch connection to MTF w/ 1" curb valve



10" double strap Saddle + 1" Branch to MTF



1" Branch to Maint Trng Facility