


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Docket #: 05000247   05000286 Exhibit #: ENT000435-00-BD01 Admitted: 10/15/2012 Rejected: Other:	Identified: 10/15/2012 Withdrawn: Stricken:

ENT000435  
Submitted: March 30, 2012

NOTE: This inspection report form is extracted from EN-EP-S-002-MULTI (Rev. 0 target effective date 10/31/09)

ATTACHMENT 7.1

INSPECTION CHECKLIST

Sheet 1 of 2

Piping / Tank	16-inch City Water Line from CWST	INSPECTION DATE:	10/21/09
ELEVATION: 120' EL. (approx. grade)	LOCATION DWG: 138057, zone D-5	INSPECTOR:	J. Peterson

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

GENERAL APPEARANCE (Inspector): The entire lengths of the excavated 16-inch city water piping (2 places) was inspected and determined to be in good condition, with the external coating and wrap intact. No evidence of coating degradation was observed. See attached photo documentation.

DEGRADATION FOUND? YES ☐ NO ☒ CR-  
FURTHER EVALUATION REQUIRED? YES ☐ NO ☒

COMMENTS (Inspector): 16-inch city water line from the City Water Storage Tank was opportunistically inspected at 2 excavated locations, East (approx. 10 ft length) and West (approx. 10 ft length), with approx. 16 feet between the 2 excavations. These excavations were part of the installation of modification EC-13314, "Cathodic Protection for City Water Supply and Fire Hydrant Piping (IP2)." (Ref. WO # 198663)

INSPECTOR(S) PRINT/SIGN/DATE:

J. Peterson

*J. Peterson* 10/21/09

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**ATTACHMENT 7.1****INSPECTION CHECKLIST**

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**Sheet 2 of 2**

EVALUATION:    ACCEPTABLE ☒    ACCEPTABLE WITH DEFICIENCIES ☐    UNACCEPTABLE ☐

RECOMMENDED ACTION (Program Owner):

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.

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PREVENTIVE MAINTENANCE: ☐

None required.

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CORRECTIVE ACTIONS: ☐

None required.

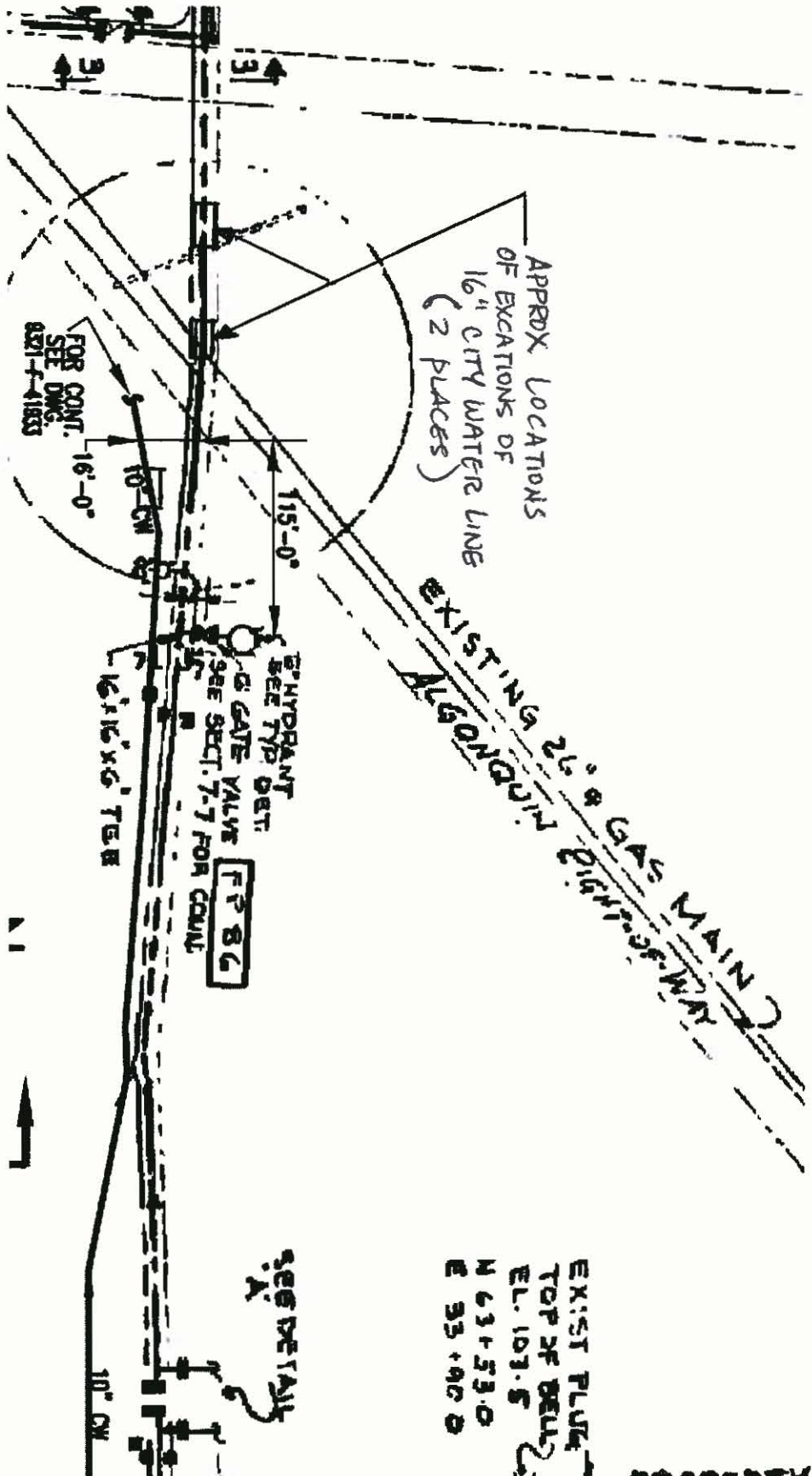
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PHOTOGRAPHIC OR VIDEO RECORDS ATTACHED?

YES ☒ NO ☐



REF: DWG 138057  
(D-5)





16-INCH-LINE-FROM-  
CWST-102109 026.jpg



16-INCH-LINE-FROM-  
CWST-102109 001.jpg



16-INCH-LINE-FROM-  
CWST-102109 002.jpg



16-INCH-LINE-FROM-  
CWST-102109 003.jpg



16-INCH-LINE-FROM-  
CWST-102109 004.jpg



16-INCH-LINE-FROM-  
CWST-102109 005.jpg



16-INCH-LINE-FROM-  
CWST-102109 006.jpg



16-INCH-LINE-FROM-  
CWST-102109 007.jpg



16-INCH-LINE-FROM-  
CWST-102109 008.jpg



16-INCH-LINE-FROM-  
CWST-102109 009.jpg



16-INCH-LINE-FROM-  
CWST-102109 010.jpg



16-INCH-LINE-FROM-  
CWST-102109 011.jpg



16-INCH-LINE-FROM-  
CWST-102109 012.jpg



16-INCH-LINE-FROM-  
CWST-102109 013.jpg



16-INCH-LINE-FROM-  
CWST-102109 014.jpg



16-INCH-LINE-FROM-  
CWST-102109 015.jpg



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CWST-102109 016.jpg



16-INCH-LINE-FROM-  
CWST-102109 017.jpg



16-INCH-LINE-FROM-  
CWST-102109 018.jpg



16-INCH-LINE-FROM-  
CWST-102109 019.jpg



16-INCH-LINE-FROM-  
CWST-102109 020.jpg



16-INCH-LINE-FROM-  
CWST-102109 021.jpg



16-INCH-LINE-FROM-  
CWST-102109 022.jpg



16-INCH-LINE-FROM-  
CWST-102109 023.jpg



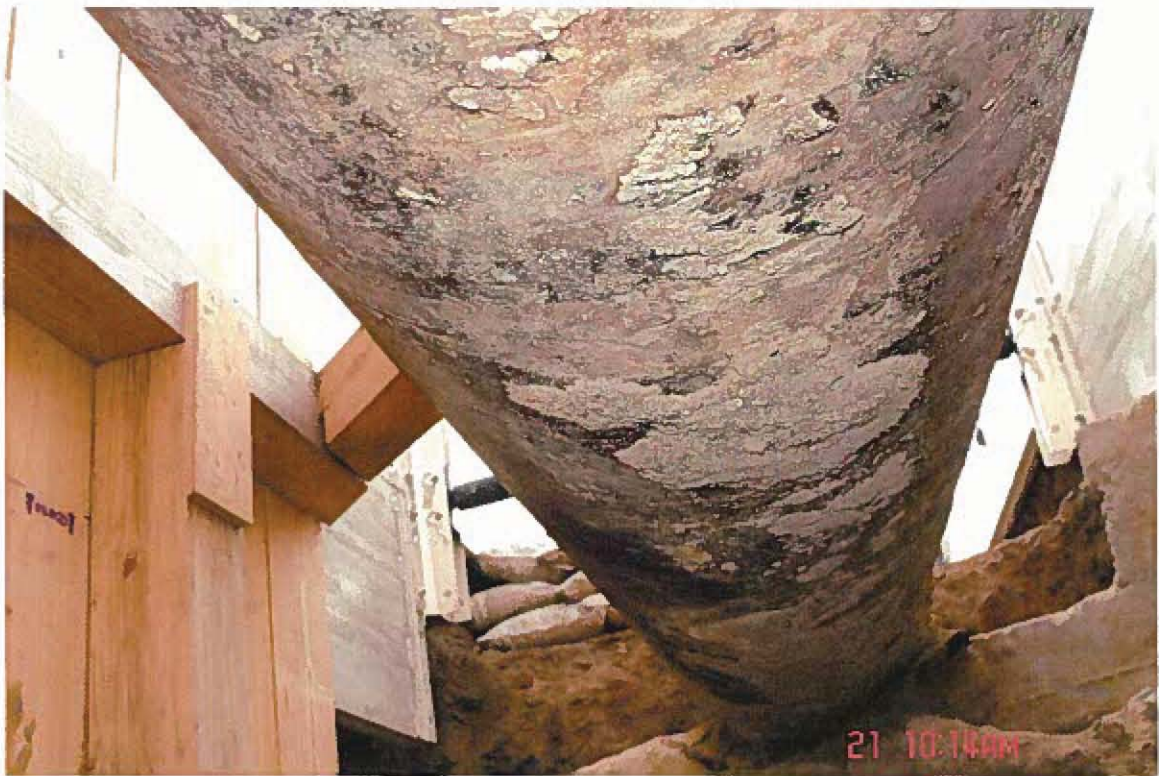
16-INCH-LINE-FROM-  
CWST-102109 024.jpg



16-INCH-LINE-FROM-  
CWST-102109 025.jpg





















































Length of exposed piping = 10 ft.



Length ~ 10 ft

