



U.S. Department of Energy  
**Office of River Protection**

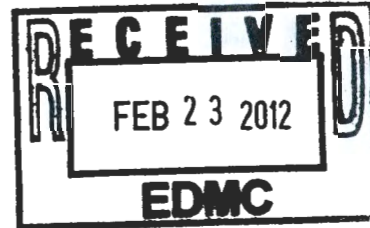
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P.O. Box 450, MSIN H6-60  
Richland, Washington 99352

FEB 22 2012

12-ESQ-0040

Mr. R. W. Bradford  
Deputy Project Director/Project Manager  
Bechtel National, Inc.  
2435 Stevens Center Place  
Richland, Washington 99354



Dear Mr. Bradford:

CONTRACT NO. DE-AC27-01RV14136 – SUBMITTAL OF U.S. DEPARTMENT OF ENERGY, OFFICE OF RIVER PROTECTION SURVEILLANCE REPORT, S-12-ESQ-RPPWTP-003, PRETREATMENT FACILITY (PTF) VESSEL VENT PROCESS SYSTEM

Reference: ORP letter from J. R. Eschenberg to W. S. Elkins, BNI, "Notification of Dangerous Waste Permit (DWP) Condition/Waste Management Surveillances," 06-ED-019, dated March 6, 2006.

This letter transmits the Waste Treatment and Immobilization Plant surveillance for the PTF vessel vent process system. The surveillance reviewed the on-going delivery and installation of the PTF vessel vent process system against the Dangerous Waste Permit. The surveillance team identified no findings or observations.

This letter is not considered to constitute a change to the Contract. In the event the Contractor disagrees with this interpretation, it must immediately notify the Contracting Officer orally, and otherwise comply with the requirements of the Contract clause entitled 52.243-7, "Notification of Changes."

If you have any questions, please contact me, or your staff may contact Paul G. Harrington, Acting Assistant Manager, Office of Environmental Safety and Quality, (509) 376-5700.

Sincerely,

Delmar L. Noyes, Deputy Federal Project Director  
Waste Treatment and Immobilization Plant

ESQ:GMN

Attachment

cc: See page 2

Mr. R. W. Bradford  
12-ESQ-0040

-2-

**FEB 22 2012**

cc w/attach:

B. G. Erlandson, BNI

S. L. Dahl, Ecology

Administrative Record (H-0-8)

BNI Correspondence

Environmental Portal, LMSI

Attachment  
12-ESQ-0040  
(14 Pages)

Surveillance Report for the PTF Vessel Vent Process System

S-12-ESQ-RPPWTP-003

# Pretreatment Vessel Vent Process System Surveillance



JANUARY 2012

Office of Environmental Safety and Quality

U.S. Department of Energy  
Office of River Protection  
P.O. Box 450, H6-60  
Richland, Washington 99352

**Table of Contents**

**Title of Surveillance** ..... 1  
**Date Surveillance Conducted**..... 1  
**Surveillance Team**..... 1  
**Summary of Surveillance Activities** ..... 1  
**Documentation Reviewed for Surveillance**..... 1  
**Discussion of Area(s) Reviewed** ..... 1  
**Conclusion** ..... 2  
**Summary of Findings and Observations** ..... 2  
**ORP Management Debriefed**..... 2  
**Signatures** ..... 2  
**Appendix A - Surveillance Photos**..... 3

**Surveillance Report Number:** S-12-ESQ-RPPWTP-003

**Division Performing the Surveillance:** U.S. Department of Energy, Office of River Protection, Environmental Compliance Division (ECD)

**Integrated Assessment Schedule Number:** 102

**Title of Surveillance:**

Pretreatment Facility (PTF) Vessel Vent Process System

**Date Surveillance Conducted:**

January 26, 2012

**Surveillance Team:**

Gae Neath (Lead), ECD, Ko Chen, Nuclear Safety Division, Albert Hu, Nuclear Safety Division, Paul Schroder, Construction Oversight and Assurance Division, and Don Sommer, ECD Support Services.

**Summary of Surveillance Activities:**

The purpose of the surveillance was to review the on-going delivery and installation of the PTF Vessel Vent Process System against the Dangerous Waste Permit (DWP). The surveillance team identified no findings or observations.

**Documentation Reviewed for Surveillance:**

- 24590-PTF-M6-PJV-00001, Revision 3, Piping and Instrumentation Drawings (P&ID) – PTF Pulse Jet Ventilation System Air Racks to Demisters.
- 24590-PTF-P3-PJV-GV00002009, Revision 0, Pretreatment Facility Isometric.
- 24590-PTF-P3-PJV-GV00002010, Revision 0, Pretreatment Facility Isometric.

**Discussion of Area(s) Reviewed:**

The installation of both PJV-GV00002009 and PJV-GV00002010 (see Figure 1) were reviewed against the DWP P&IDs for the PTF Pulse Jet Ventilation (PJV) System. The delivery of the following parts of the PJV system were also reviewed: PTF-PJV-GV00002008-A (Figure 2), PTF-PJV-GV00002007-A (Figure 3), PTF-PJV-GV03036001 (Figure 4), PTF-PJV-GV03035002-B (Figure 5), PTF-PJV-GV00006002-A (Figure 6), PTF-PJV-GV00004002-A (Figure 7), PTF-PJV-GV0229002-A (Figure 8), PTF-PJV-GV02889002-A (Figure 9), and PTF-PJV-GV00023002-B.

**Conclusion:**

The surveillance team found that both PJV-GV00002009 and PJV-GV00002010 were installed in accordance with the permit.


**Summary of Findings and Observations:**

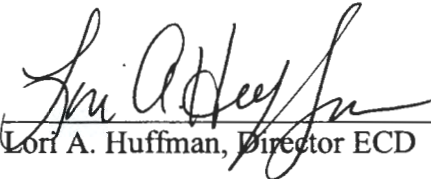
No findings or observations were identified.

**ORP Management Debriefed:**

Lori Huffman, Director ECD

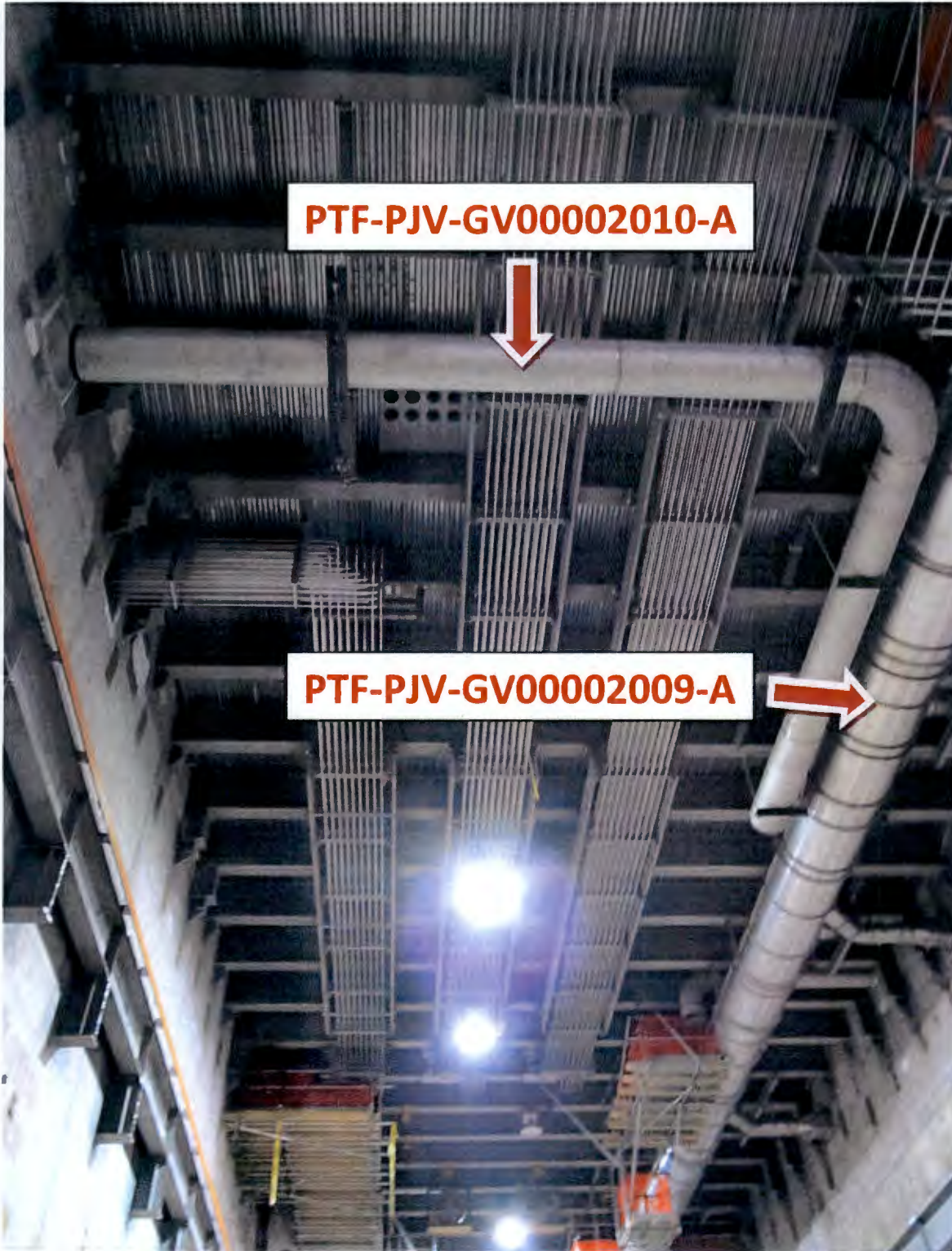
**Signatures**

	<u>02/09/2012</u>
Gae M. Neath	Date
Surveillance Team Lead	

	<u>2/13/12</u>
Lori A. Huffman, Director ECD	Date

Appendix A - Photos

Figure 1  
PTF-PJV-GV00002010-A/PTF-PJV-GV00002009-A





**Figure 2**  
**PTF-PJV-GV00002008-A**



**Figure 3**  
**PTF-PJV-GV00002007-A**



**Figure 4**  
**PTF-PJV-GV03036001**



**Figure 5**  
**PTF-PJV-GV03035002-B**



Figure 6  
PTF-PJV-GV00006002-A



Figure 7  
PTF-PJV-GV00004002-A



**Figure 8**  
**PTF-PJV-GV0229002-A**



**Figure 9**  
**PTF-PJV-GV02889002-A**

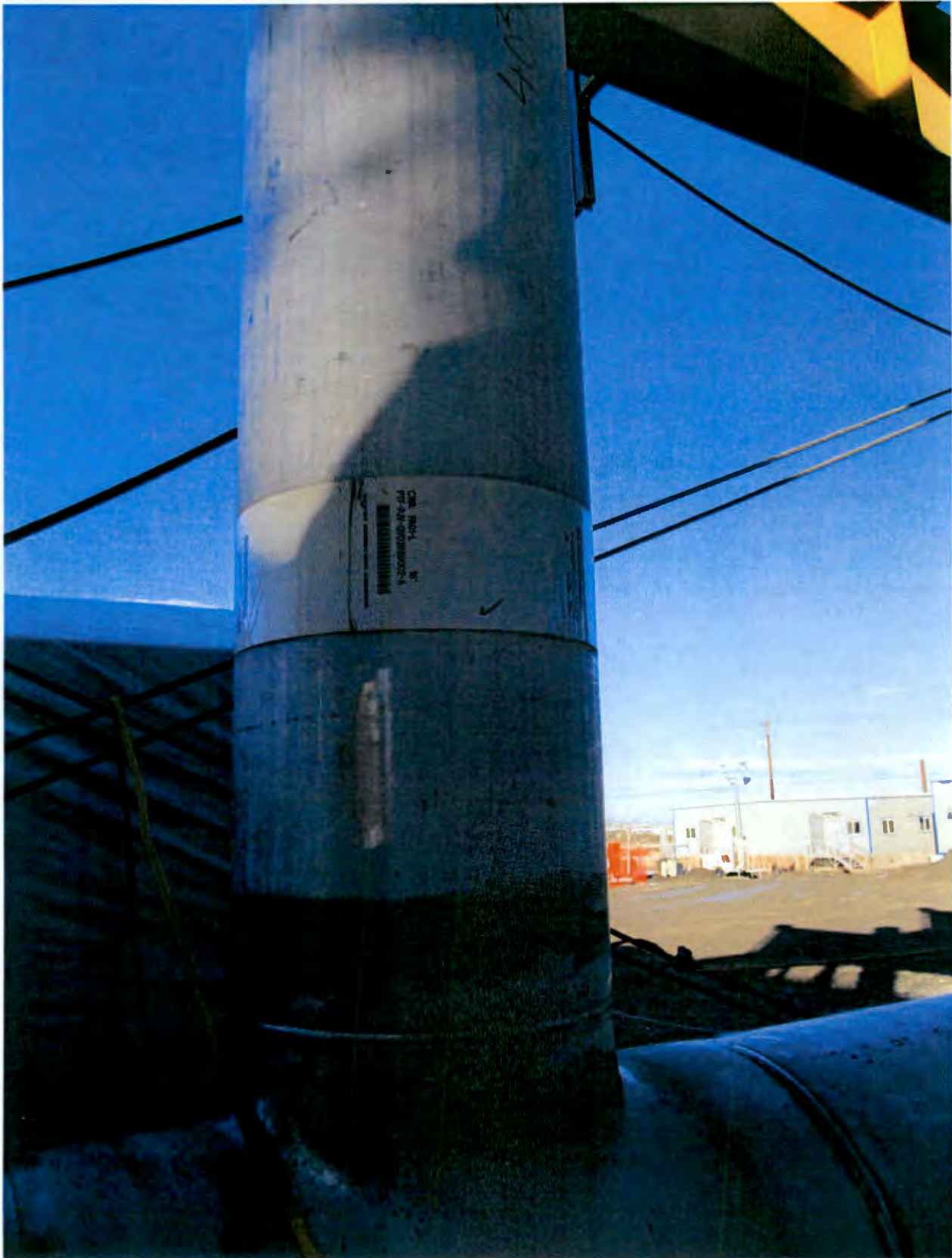




Figure 10  
PTF-PJV-GV00023002-B

