



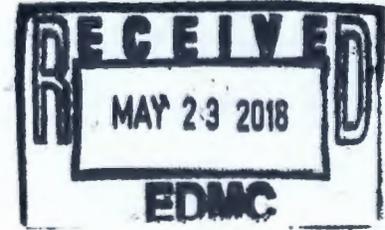
1249112

0065646H

OFFICE OF RIVER PROTECTION

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

MAY 21 2018



18-ECD-0033

Ms. Alexandra K. Smith, Program Manager
Nuclear Waste Program
Washington State
Department of Ecology
3100 Port of Benton Blvd.
Richland, Washington 99354

Ms. Smith:

SUBMITTAL OF HANFORD FACILITY RESOURCE CONSERVATION AND RECOVERY ACT PERMIT MODIFICATION NOTIFICATION FORM 24590-LAW-PCN-ENV-17-008, SECONDARY OFFGAS/VESSEL VENT PROCESS SYSTEM

- References:
1. WA7890008967, "Dangerous Waste Portion of the Hanford Facility Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Operating Unit 10, 'Waste Treatment and Immobilization Plant.'"
 2. BNI letter from B.P. Reilly to B.T. Vance, ORP, "Submittal of Hanford Facility Resource Conservation and Recovery Act Permit Modification Notification Form 24590-LAW-PCN-ENV-17-008," CCN: 305215, dated May 2, 2018.

This letter transmits Hanford Facility Resource Conservation and Recovery Act Permit Modification Notification Form 24590-LAW-PCN-ENV-17-008, attached, for the Washington State Department of Ecology review and approval. The form describes Class 1 modifications to Reference 1.

The purpose of this Class 1 prime permit modification is to submit revisions to Piping and Instrumentation Diagrams for the Low-Activity Waste Secondary Offgas/Vessel Vent Process System equipment in Appendix 9.2 of Reference 1.

Washington State Department of Ecology comments resulting from review of this modification notification form and the associated information have been dispositioned.

H-08

12

Ms. Alexandra K. Smith
18-ECD-0033

-2-

MAY 21 2018

If you have any questions, please contact me, or your staff may contact Gae M. Neath,
Environmental Compliance Division, (509) 376-7828.



Robert G. Hastings, Assistant Manager
Technical and Regulatory Support

ECD:GMN

Attachment

cc w/attach:

D.E. Casey, BNI
B.L. Curn, BNI
B.G. Erlandson, BNI
R.J. Landon, BNI
B. Peck, BNI
B.P. Reilly, BNI
D.C. Robertson, BNI
J. Cantu, Ecology (7 hard copies)
A.S. Carlson, Ecology (CD)
T.Z. Gao, Ecology (CD)
M.E. Jones, Ecology (CD)
J.K. Perry, MSA
A.C. McKarns, RL
D. Rowland, YN
Administrative Record (WTP H-0-8)
BNI Correspondence
Environmental Portal

cc w/o attach:

M. Johnson, CTUIR
S.L. Dahl, Ecology
D. McDonald, Ecology
J. Bell, NPT (Acting)
G.P. Bohnee, NPT
K. Niles, Oregon Energy
P.M. Pak, RL
R. Longoria, YN (Acting)

**Attachment
18-ECD-0033
(10 Pages Excluding Cover Sheet)**

**Hanford Facility RCRA Permit Modification Notification
Form 24590-LAW-PCN-ENV-17-008**

Quarter Ending June 30, 2018

24590-LAW-PCN-ENV-17-008

Hanford Facility RCRA Permit Modification Notification Form
Part III, Operating Unit 10
Waste Treatment and Immobilization Plant

Index

Page 2 of 3: Hanford Facility RCRA Permit, Part III, Operating Unit 10, Waste Treatment and Immobilization Plant
Replace the Piping and Instrumentation Diagrams (P&IDs) for the following Low-Activity Waste (LAW) Secondary Offgas/Vessel Vent Process System (LFP) equipment in Appendix 9.2 of the Dangerous Waste Permit (DWP):

- Melter 1 Feed Process System Feed Vessel LFP-VSL-00002
- Melter 1 Feed Process System Feed Preparation and Feed LFP-BULGE-00001
- Melter 2 Feed Process System Feed Vessel LFP-VSL-00004
- Melter 2 Feed Process System Feed Preparation and Feed LFP-BULGE-00002

Submitted by Co-Operator:

Roger J. Landon 4/19/18
Roger J. Landon Date

Reviewed by ORP Program Office:

Joanne Grindstaff 5/8/18
J. F. Grindstaff Date

Quarter Ending June 30, 2018

24590-LAW-PCN-ENV-17-008

Hanford Facility RCRA Permit Modification Notification Form

Unit: Waste Treatment and Immobilization Plant	Permit Part: Part III, Operating Unit 10
--	--

Description of Modification:

The purpose of this Class 1 prime modification is to replace the following P&IDs in Appendix 9.2 of the DWP:

Appendix 9.2			
Replace:	24590-LAW-M6-LFP-00001004, Rev. 0	With:	24590-LAW-M6-LFP-00001004, Rev. 1
	24590-LAW-M6-LFP-00001006, Rev. 0	With:	24590-LAW-M6-LFP-00001006, Rev. 1
	24590-LAW-M6-LFP-00003004, Rev. 0	With:	24590-LAW-M6-LFP-00003004, Rev. 1
	24590-LAW-M6-LFP-00003006, Rev. 0	With:	24590-LAW-M6-LFP-00003006, Rev. 1

Changes to the P&ID (24590-LAW-M6-LFP-00001004, Rev.1) for the Melter 1 Feed Process System Feed Vessel LFP-VSL-00002 are summarized below:

- Added or modified notes in the Notes section. Revised the References section.
- Added Valves, Pipe/Tubing Breaks, Blind Flange to N15, and a new Line Section (Grid4).
- Revised Quality Designator of this drawing from Q to CM.
- Updated Note 9 to read: JCN Interlock on LFP-VSL-00002 LVL HI HI Will Close Valves Associated with Controllers Listed in Table 1.
- Removed Safety Radar (Note 13).
- Changed electrical signal to a data link between FQI-1168 and FQSH-1168.
- Added reducers and ¼" Tubing.
- Moved Off-Sheet Connector from G8 to D8.

Changes to the P&ID (24590-LAW-M6-LFP-00001006, Rev.1) for the Melter 1 Feed Process System Feed Preparation and Feed LFP-BULGE-00001 are summarized below:

- Added or modified notes in the Notes section. Revised the References section.
- Added Quality/Seismic Flags.
- Revised Quality Designator of this drawing from CM to Q.
- Revised Note 6 to read: ICN Interlock on LFP-VSL-00001 Level HI HI Will Close Valves LFP-YV-1115, -1161, and Stop Pumps. Stopping Pumps LFP-PMP-00001A/B Isolates Discharge Valves YV-1107/-1108.
- Deleted and updated Off Sheet Connector.

Changes to the P&ID (24590-LAW-M6-LFP-00003004, Rev.1) for the Melter 2 Feed Process System Feed Vessel LFP-VSL-00004 are summarized below:

- Added or modified notes in the Notes section. Revised the References section.
- Added Valves, Pipe/Tubing Breaks, Blind Flange to N15, and a new Line Section (Grid4).
- Revised Quality Designator of this drawing from Q to CM.
- Updated Note 9 to read: JCN Interlock on VSL-00004 LVL HI HI Will Close Valves Associated with Controllers Listed in Table 1.
- Removed Safety Radar (Note 13).
- Moved vendor Boundary Data Link to connect directly into LI-2146 & FSLL-2168 to connect between FI-2168 & FQI-2168.
- Added reducers and ¼" Tubing.
- Moved Off-Sheet Connector from G8 to D8.

Quarter Ending June 30, 2018

24590-LAW-PCN-ENV-17-008

Changes to the P&ID (24590-LAW-M6-LFP-00003006, Rev.1) for the Melter 2 Feed Process System Feed Preparation and Feed LFP-BULGE-00002:

- Added or modified notes in the Notes section. Revised the References section.
- Added Quality/Seismic Flags.
- Revised Quality Designator of this drawing from CM to Q.
- Updated Note 6 to read: ICN Interlock on LFP-VSL-00003 Level HI HI will close valves YV-2161, YV-2115, and Stop Pumps. Stopping Pumps LFP-PMP-00003A/B Isolates Discharge Valves YV-2107/-2108
- Updated Note 7 to read: ICN Interlock on LFP-VSL-00004 Level HI HI will close valves YV-2162, YV-2110, and YV-2115.
- Updated Off Sheet Connector.

This modification requests Ecology approval and incorporation into the permit the specific changes to the P&IDs. These drawings and document include changes provided in applicable document change forms (e.g., DCN, SCN, SDDR, FCN, FCR, etc.). In addition, the P&IDs include changes associated with the resolution to comments on change documents since the issuance of the last revision of the permitted drawings and document.

The following outstanding change documents have been submitted to Ecology pursuant to Permit Condition III.10.C.9.h and are maintained in the WTP Operating Record:

24590-LAW-M6-LFP-00001004, Rev. 1:

- CCN 302266: 24590-LAW-M6N-20-00027/P&ID Revisions to Add Bubbler Instrument Isolation Valves
- CCN 302266: 24590-LAW-M6N-LFP-00063/LCP and LFP Vessel/Coaxial SS/SC-III Reclassification

24590-LAW-M6-LFP-00001006, Rev. 1:

- CCN 302266: 24590-LAW-M6N-LFP-00063/LCP and LFP Vessel/Coaxial SS/SC-III Reclassification

24590-LAW-M6-LFP-00003004, Rev. 1

- CCN 302266: 24590-LAW-M6N-20-00027/P&ID Revisions to Add Bubbler Instrument Isolation Valves
- CCN 302266: 24590-LAW-M6N-LFP-00063/LCP and LFP Vessel/Coaxial SS/SC-III Reclassification

24590-LAW-M6-LFP-00003006, Rev. 1

- CCN 302266: 24590-LAW-M6N-LFP-00063/LCP and LFP Vessel/Coaxial SS/SC-III Reclassification

In accordance with Permit Condition III.10.C.2.e, this permit modification sent to Ecology may include page changes to the Permit, attachments, and permit application supporting documentation.

WAC 173-303-830 Modification Class:	Class 1	Class 11	Class 2	Class 3
Please mark the Modification Class:		X		

Enter relevant WAC 173-303-830, Appendix I Modification citation number:

Enter wording of WAC 173-303-830, Appendix I Modification citation:

In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class 11 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to the facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."

Quarter Ending June 30, 2018

24590-LAW-PCN-ENV-17-008

<p>Modification Approved/Concur: <input type="checkbox"/> Yes <input type="checkbox"/> Denied (state reason below)</p> <p><u>Reason for denial:</u></p>	<p>Reviewed by Ecology:</p>
	<p>_____ S. Dahl _____ Date</p>

NOTES:

- SEE DRAWINGS 24590-WTP-M6-50-00001 THROUGH 24590-WTP-M6-50-00008 FOR GENERAL NOTES, SYMBOLS AND LEGEND, AND GENERAL SLOPE REQUIREMENTS.
- CONTENTS OF THIS DOCUMENT ARE DANGEROUS WASTE PERMIT AFFECTING.
- THE PRESSURE BOUNDARY FOR ALL COMPONENTS ON THIS DRAWING IS QUALITY LEVEL CM AND SEISMIC CATEGORY SC-IV, UNLESS OTHERWISE NOTED.
- ALL LINES SHOWN ON THIS DRAWING SHALL BE FREE DRAINING, UNLESS OTHERWISE NOTED.
- REMOVABLE SPOOL TO FACILITATE PUMP REMOVAL.
- OIL COLLECTION LEG EXTENDS MIN 3 IN BELOW DRAIN/REFILL NOZZLE.
- LOCATE VALVE, FOR ACCESS, ABOVE ELEVATION 28'-0".
- THIS CONNECTION ALLOWS MAINTENANCE ACCESS FROM 28 FT FLOOR ELEVATION FOR AGITATOR OIL CHANGE.
- ICN INTERLOCK ON LFP-VSL-00002 LVL HIHI WILL CLOSE VALVES ASSOCIATED WITH CONTROLLERS LISTED IN TABLE 1.
- FUNCTION CONVERTS TANK LEVEL IN INCHES TO GALLONS.
- DENSITY TRANSMITTER SENDS A DIFFERENTIAL PRESSURE VALUE. CALCULATION IS USED TO DETERMINE DENSITY.
- FOR ADS PUMP CONTROLS AND ADDITIONAL VESSEL INSTRUMENTATION, SEE DRAWINGS 24590-LAW-M6-LFP-00002002, -00002003, -00002004, -00002005, -00002006, AND -00002007.
- DELETED.
- FOR ISA AND DIW SUPPLY SEE 24590-LAW-M6-LCP-00001006 COORDINATE C6.
- FOR ISA SUPPLY SEE 24590-LAW-M6-LCP-00001006 COORDINATE D7.
- ROUTING OF VENDOR SUPPLIED TUBING WILL BE IDENTIFIED BY C&I PER 24590-WTP-GPG-ENG-0142.
- THIS DRAWING IS CONVERTED FROM A SINGLE SHEET TO MULTI-SHEET DRAWINGS AND, IN PART, SUPERSEDES 24590-LAW-M6-LFP-00001, REV. 5. THIS DRAWING INCLUDES INFORMATION FROM 24590-LAW-M6-MN-20-00001, 24590-LAW-M6-MN-LFP-00023, -00033 AND 24590-LAW-M6PR-LFP-00001.
- REVISION 1 INCORPORATED AND FURTHER REVISED 24590-LAW-M6-MN-20-00024, 24590-LAW-M6-MN-LFP-00042, -00044, 24590-LAW-M6-MN-MBT-00016, -00085, 24590-WTP-M6-50-00073, 24590-WTP-EIE-J-16-0001 (REV. 0), -0008 (REV. 0), AND 24590-LAW-EIE-NS-17-0001 (REV. 0). ADDED VALVES, PIPE/TUBING BREAKS, BLIND FLANGE TO NIS, AND NEW LINE SECTION. REVISED QUALITY DESIGNATOR OF THIS DRAWING FROM Q TO CM. REFERENCE 1, AND ADR REVISION NUMBER ON THE TITLE BLOCK. REMOVED SAFETY RADAR. UPDATED NOTES 9 AND 13. HOSE CONNECTIONS TO HOSE COUPLERS, OFF SHEET CONNECTORS, AND TABLE 1 CHANGED ELECTRICAL SIGNAL TO A DATA LINK BETWEEN FOI-1168 AND FOSH-1168. ADDED REDUCERS AND 1/4" TUBING. MOVED OFF SHEET CONNECTOR FROM G8 TO D8. UPDATED DATA LINK ROUTES.

TABLE 1

INSTRUMENT TAG	DRAWING NUMBER	GRID
LFP-YC-1105	24590-LAW-M6-LFP-00001005	H8
LFP-YC-1110/-1115/-1162	24590-LAW-M6-LFP-00001006	G8
LFP-YC-1133/-1137/-1152	24590-LAW-M6-LFP-00001003	H8

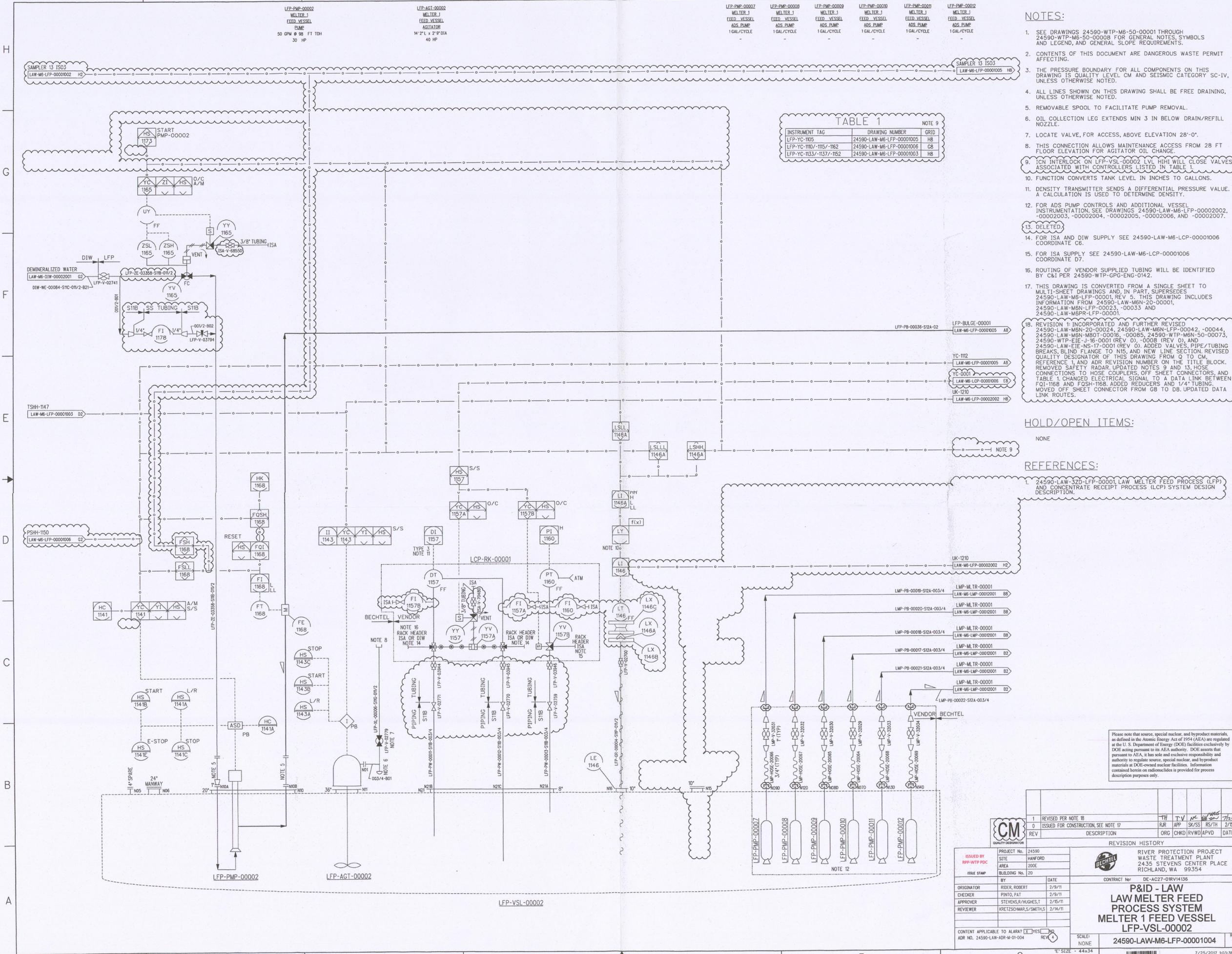
NOTE 9

HOLD/OPEN ITEMS:

NONE

REFERENCES:

- 24590-LAW-32D-LFP-00001, LAW MELTER FEED PROCESS (LFP) AND CONCENTRATE RECEIPT PROCESS (LCP) SYSTEM DESIGN DESCRIPTION.



Please note that source, special nuclear, and byproduct materials, as defined in the Atomic Energy Act of 1954 (AEA) are regulated as the U.S. Department of Energy (DOE) facilities exclusively by DOE acting pursuant to its AEA authority. DOE asserts that pursuant to AEA, it has sole and exclusive responsibility and authority to regulate source, special nuclear, and byproduct materials at DOE-owned nuclear facilities. Information contained herein on radionuclides is provided for process description purposes only.

1	REVISED PER NOTE 18	TH	TV	2/15/11
0	ISSUED FOR CONSTRUCTION, SEE NOTE 17	R/R	APP	SK/SS
REV	DESCRIPTION	ORG	CHKD	RYWD

REVISION HISTORY

ISSUED BY	PROJECT No.	24590
ISSUE STAMP	SITE	HANFORD
	AREA	200E
	BUILDING No.	20
	BY	
	DATE	
ORIGINATOR	RIDEK, ROBERT	2/9/11
CHECKER	PINTO, PAT	2/9/11
APPROVER	STEVENS, R/HUGHES, T	2/15/11
REVIEWER	KREITZSCHMAR, S/SMITHS, J	2/14/11

CONTRACT No. DE-AC27-08RV14136

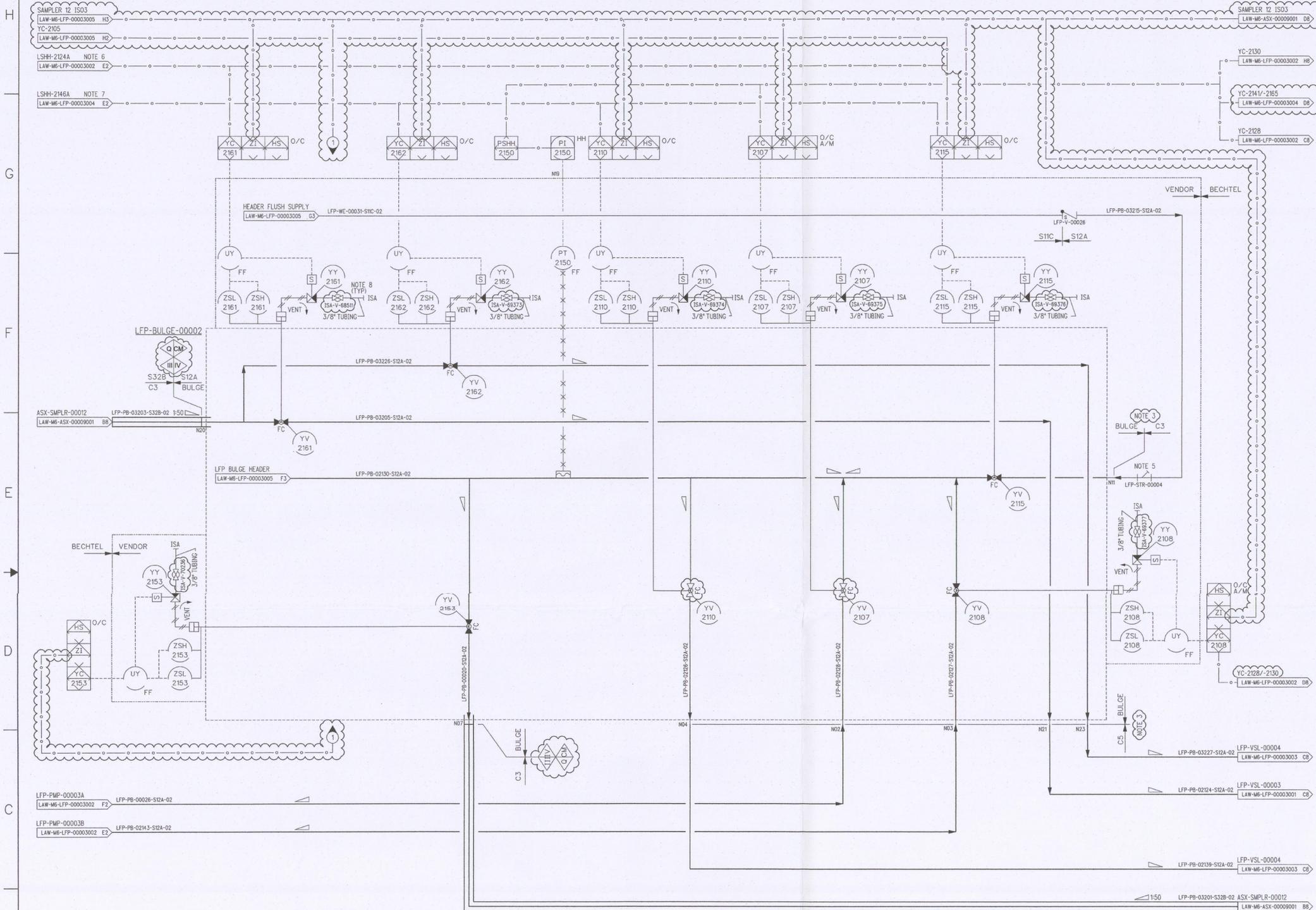
RIVER PROTECTION PROJECT
WASTE TREATMENT PLANT
2435 STEVENS CENTER PLACE
RICHLAND, WA 99354

**P&ID - LAW
LAW MELTER FEED
PROCESS SYSTEM
MELTER 1 FEED VESSEL
LFP-VSL-00002**

SCALE: NONE

24590-LAW-M6-LFP-00001004

7/25/2017 10:36 PM



NOTES:

- SEE DRAWINGS 24590-WTP-M6-50-00001 THROUGH 24590-WTP-M6-50-00008 FOR GENERAL NOTES, SYMBOLS AND LEGEND, AND GENERAL SLOPE REQUIREMENTS.
- CONTENTS OF THIS DOCUMENT ARE DANGEROUS WASTE PERMIT AFFECTING.
- THE PRESSURE BOUNDARY FOR ALL COMPONENTS ON THIS DRAWING IS QUALITY LEVEL CM AND SEISMIC CATEGORY SC-IV, UNLESS OTHERWISE NOTED.
- ALL LINES ON SHOWN THIS DRAWING SHALL BE FREE DRAINING, UNLESS OTHERWISE NOTED.
- POSITION STRAINER (WITHOUT STRAINER INTERNALS) WITH THE STRAINER PORT IN THE UP POSITION TO ALLOW FOR LINE CLEANING.
- ICN INTERLOCK ON LFP-VSL-00003 LEVEL HI HI WILL CLOSE VALVES YV-2161, YV-2115, AND STOP PUMPS LFP-PMP-00003A/B ISOLATES DISCHARGE VALVES YV-2107/-2108.
- ICN INTERLOCK ON LFP-VSL-00004 LEVEL HI HI WILL CLOSE VALVES YV-2162, YV-2110, AND YV-2115.
- SEE 24590-LAW-M6-LFP-00003005 FOR ISA SUPPLY.
- THIS DRAWING IS CONVERTED FROM A SINGLE SHEET TO MULTI-SHEET DRAWINGS AND, IN PART SUPERSEDES 24590-LAW-M6-LFP-00003, REV 5. THIS DRAWING INCLUDES INFORMATION FROM 24590-LAW-M6-LFP-00003.
- REVISION 1 INCORPORATED AND FURTHER REVISED 24590-LAW-M6-LFP-00004, -00050, 24590-LAW-M6-LFP-00016, AND -00085, INCORPORATED 24590-LAW-EIE-NS-17-0001 (REV 0), UPDATED OFF SHEET CONNECTOR, ADR REVISION NUMBER ON THE TITLE BLOCK, AND REFERENCE 1. ADDED QUALITY/SEISMIC FLAGS, REVISED QUALITY DESIGNATOR OF THIS DRAWING FROM CM TO Q, NOTES 6 AND 7. ADDED NOTE CALLOUTS, UPDATED OFF SHEET CONNECTOR.

HOLD/OPEN ITEMS:

NONE

REFERENCES:

- 24590-LAW-320-LFP-00001, LAW MELTER FEED PROCESS (LFP) AND CONCENTRATE RECEIPT PROCESS (LCP) SYSTEM DESIGN DESCRIPTION.

Please note that source, special nuclear, and byproduct materials as defined in the Atomic Energy Act of 1954 (AEA) are regulated at the U. S. Department of Energy (DOE) facilities exclusively by DOE acting pursuant to its AEA authority. DOE asserts that pursuant to AEA, it has sole and exclusive responsibility and authority to regulate source, special nuclear, and byproduct materials at DOE-owned nuclear facilities. Information contained herein on radioactive is provided for process description purposes only.

1	REVISED PER NOTE 10	WRS	JW	2/10/11	2/10/11	2/10/11
0	ISSUED FOR CONSTRUCTION, SEE NOTE 9	RJR	NTJ	SK/SS	RS/TH	2/16/11
REV	DESCRIPTION	ORG	CHKD	RWVD	APVD	DATE

REVISION HISTORY

PROJECT No.	24590	CONTRACT No.	DE-AC27-01RV14136
SITE	HANFORD	ORIGINATOR	RIDER, ROBERT
AREA	200E	CHECKER	JOHNSON, NGA T
BUILDING No.	20	APPROVER	STEVENS, R/HUGHES, T
BY		REVIEWER	KRETZSCHMAR, S/SMITHS
DATE	2/16/11		

CONTENT APPLICABLE TO ALARA? YES NO
 ADR NO. 24590-LAW-ADR-W-01-004

SCALE: NONE
 24590-LAW-M6-LFP-00003006

REV 1

DATE: 2/17/2017 11:01:04 AM
 PLOTTED BY: eunogue

Table III.10.E.B – LAW Vitrification Plant Tank Systems Description

Dangerous and/or Mixed Waste Tank Systems Name	Unit Designation	Engineering Description (Drawing Nos, Specification Nos, etc.)	Narrative Description, Tables & Figures	Maximum Capacity (gallons)
<p><u>LAW Concentrate Receipt Process System</u></p> <p>LCP-VSL-00001 (LAW Melter 1 Concentrate Receipt Vessel)</p> <p>LCP-VSL-00002 (LAW Melter 2 Concentrate Receipt Vessel)</p>	LCP	<p><u>24590-LAW</u></p> <p>-M5-V17T-00001, Rev 6</p> <p>-M5-V17T-00002, Rev 6</p> <p>-M6-LCP-00001002, Rev 0</p> <p>-M6-LCP-00001003, Rev 0</p> <p>-M6-LCP-00002003, Rev 0</p> <p>-M6-LCP-00002004, Rev 0</p> <p>-MV-LCP-P0001, Rev 0</p> <p>-MV-LCP-P0002, Rev 0</p> <p>-MVD-LCP-P0004, Rev 1</p> <p>-MVD-LCP-P0005, Rev 1</p> <p>-N1D-LCP-P0001, Rev 1</p> <p>-P1-P01T-00002, Rev 7</p>	<p>Section 4E.2.1; Tables 4E-1 and 4E-3; and Figures 4A-1 and 4A-3 of Operating Unit Group 10, Chapter 4 of this Permit.</p>	<p>LCP-VSL-00001 = 18,130</p> <p>LCP-VSL-00002 = 18,130</p>
<p><u>LAW Melter Feed Process System</u></p> <p>LFP-VSL-00001 (Melter 1 Feed Preparation Vessel)</p> <p>LFP-VSL-00002 (Melter 1 Feed Vessel)</p> <p>LFP-VSL-00003 (Melter 2 Feed Preparation Vessel)</p>	LFP	<p><u>24590-LAW</u></p> <p>-M5-V17T-00001, Rev 6</p> <p>-M5-V17T-00002, Rev 6</p> <p>-M6-LFP-00001001, Rev 0</p> <p>-M6-LFP-00001002, Rev 0</p> <p>-M6-LFP-00001003, Rev 0</p> <p>-M6-LFP-00001004, Rev 0</p> <p>-M6-LFP-00001005, Rev 0</p> <p>-M6-LFP-00001006, Rev 0</p> <p>-M6-LFP-00003001, Rev 0</p> <p>-M6-LFP-00003002, Rev 0</p>	<p>Section 4E.2.1; Tables 4E-1 and 4E-3; and Figures 4A-1 and 4A-3 of Operating Unit Group 10, Chapter 4 of this Permit.</p>	<p>LFP-VSL-00001 = 9,123</p> <p>LFP-VSL-00002 = 9,123</p> <p>LFP-VSL-00003 = 9,123</p> <p>LFP-VSL-00004 = 9,123</p>

Table III.10.E.B – LAW Vitrification Plant Tank Systems Description

Dangerous and/or Mixed Waste Tank Systems Name	Unit Designation	Engineering Description (Drawing Nos, Specification Nos, etc.)	Narrative Description, Tables & Figures	Maximum Capacity (gallons)
LFP-VSL-00004 (Melter 2 Feed Vessel)		-M6-LFP-00003003, Rev 0 -M6-LFP-00003004, Rev 0 -M6-LFP-00003005, Rev 0 -M6-LFP-00003006, Rev 0 -MV-LFP-P0001, Rev 0 -MV-LFP-P0002, Rev 0 -MV-LFP-P0004, Rev 0 -MV-LFP-P0005, Rev 0 -MVD-LFP-P0007, Rev 1 -MVD-LFP-P0008, Rev 1 -MVD-LFP-P0010, Rev 1 -MVD-LFP-P0011, Rev 1 -P1-P01T-00002, Rev 7 -N1D-LFP-00004, Rev 2 -N1D-LFP-00006, Rev 0		
<u>LAW Secondary Off-gas/Vessel Vent Process System</u> LVP-TK-00001 (LAW Caustic Collection Tank)	LVP	<u>24590-LAW</u> -M5-V17T-00011, Rev 6 -P1-P01T-00004, Rev 6 -VDCN-M-13-00001 -MTD-LVP-00001, Rev 1 -N1D-LVP-00002, Rev 2	Section 4E.4.2.2; Tables 4E-1 and 4E-3; and Figures 4A-1 and 4A-3 of Operating Unit Group 10, Chapter 4 of this Permit.	LVP-TK-00001 = 14,232
<u>LAW Primary Off-gas Process System</u>	LOP	<u>24590-LAW</u> -M5-V17T-P0007, Rev 0 -M5-V17T-P0008, Rev 0	Section 4E.4.2.1; Tables 4E-1 and 4E-3; and Figures 4A-1 and 4A-3 of Operating Unit Group 10, Chapter 4 of this Permit.	LOP-VSL-00001 = 9,056 LOP-VSL-00002 = 9,056