
Hanford Facility RCRA Permit Modification Notification Forms

Part V, Closure Unit CUG-32
276-BA Organic Storage Area

Index

- Page 2 of 4: Parts I & II, Standard and General Conditions (Pages 15, 49 and 50)
- Page 3 of 4: 276-BA Unit Specific Conditions and Addendum H: Closure Plan
- Page 4 of 4: Revision Instructions

Submitted by Co-Operator:

DEBORAH SINGLETON (Affiliate)

Digitally signed by DEBORAH SINGLETON (Affiliate)
Date: 2020.08.24 15:44:10 -07'00'

Deborah Singleton

Date

Reviewed by DOE Program Office:

Duane B. Carter

August 24, 2020

Duane Carter

Date

| Hanford Facility RCRA Permit Modification Form | | | | | |
|--|---|---------|--|---------|---------|
| Unit: 276-BA Organic Storage Area | Permit Part Part V, Closure Unit Group 32 | | | | |
| <p><u>Description of Modification:</u></p> <p>Changes are needed to retire permit requirements for the 276-BA Organic Storage Area Closure Unit Group. The following CUG-32 document and addendum are being removed from the permit:</p> <ul style="list-style-type: none"> • Closure Unit Group 32 Unit Specific Conditions • Addendum H: Closure Plan | | | | | |
| <p>WAC 173-303-830 Modification Class</p> <p>Please mark the Modification Class:</p> | | Class 1 | Class '1 | Class 2 | Class 3 |
| | | | X | | |
| <p>Enter relevant WAC 173-303-830, Appendix I Modification citation number:</p> <p><i>Other Modifications:</i></p> <p><i>The permittees request that this modification be reviewed and approved as a Class 1-prime.</i></p> <p><i>The permittees have completed closure activities following the Closure Plan (Addendum H) for CUG-32. Ecology accepted the certification of clean closure on May 18, 2020. (20-NWP-089)</i></p> <p><i>This modification is the final step in removing requirements for the 276-BA Organic Storage Area, Closure Unit Group 32 (CUG-32) from the permit.</i></p> | | | | | |
| <p>Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>USDOE and CHPRC agreed with Ecology removing the 276-BA Organic Storage Area unit information from Permit Attachment 9, Permit Applicability Matrix (see attached email).</p> | | | <p>Reviewed by Ecology: <small>Digitally signed by Schleif, Stephanie (ECY) Date: 2020.08.27 14:53:46 -07'00'</small></p> | | |
| | | | S. N. Schleif | Date | |

Revision Instructions:

Revise the Parts I and II (Standard & General Conditions) pages 15, 49 and 50 as shown herein.

Remove 276-BA (CUG-32) Unit Specific Conditions

Remove 276-BA (CUG-32) Addendum H: Closure Plan

From: [Martin, Paul W - CHPRC](#)
To: [Carter, Duane B](#); [Weese, Brigitte \(ECY\)](#)
Cc: [Temple, John \(ECY\)](#); [Hall, Katie \(ECY\)](#); [Carlson, Annette \(ECY\)](#); [Cantu, Jennifer \(ECY\)](#)
Subject: RE: 276-BA Class 1 Prime
Date: Wednesday, August 26, 2020 10:29:01 AM

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CHPRC agrees!

Paul W. Martin
RCRA Subject Matter Expert
CHPRC Environmental Protection
Phone (509) 376-6620 / Cell 531-4489 / Fax 376-4336
Paul_W_Martin@RL.Gov
CH2MHill Plateau Remediation Company

From: Carter, Duane B <duane.carter@rl.doe.gov>
Sent: Wednesday, August 26, 2020 10:20 AM
To: Weese, Brigitte (ECY) <bwee461@ECY.WA.GOV>; Martin, Paul W - CHPRC <paul_w_martin@rl.gov>
Cc: Temple, John (ECY) <jtem461@ECY.WA.GOV>; Hall, Katie (ECY) <KAWI461@ECY.WA.GOV>; Carlson, Annette (ECY) <anca461@ecy.wa.gov>; Cantu, Jennifer <jcan461@ecy.wa.gov>
Subject: RE: 276-BA Class 1 Prime

DOE agrees with the path forward. Good catch and thank you for the hard work on 276-BA. It's been in my wheel house since 2016, be nice to close it out.

DC

From: Weese, Brigitte (ECY) <bwee461@ECY.WA.GOV>
Sent: Wednesday, August 26, 2020 10:12 AM
To: Martin, Paul W - CHPRC <paul_w_martin@rl.gov>; Carter, Duane B <duane.carter@rl.doe.gov>
Cc: Temple, John (ECY) <jtem461@ECY.WA.GOV>; Hall, Katie (ECY) <KAWI461@ECY.WA.GOV>; Carlson, Annette (ECY) <anca461@ecy.wa.gov>; Cantu, Jennifer <jcan461@ecy.wa.gov>
Subject: 276-BA Class 1 Prime

Paul and Duane,

While working to process the 276-BA Class 1 Prime Modification (PCN-276-BA-2020-01), we realized that Attachment 9 also needs to be edited. The picture below shows "V.32 242-BA Organic Storage Area" in Attachment 9. Although this should say "V.32 276-BA Organic Storage Area", it was a typo that was missed.

Would DOE agree to Ecology making a redline/strikeout revision to the PCN to include the removal of a reference to 276-BA from Attachment 9? Please let us know and we will continue to move forward with this permit modification.

Thank you,

Brigitte Weese
Environmental Specialist
Nuclear Waste Program
(509) 372-7936

100%

| | | | | | | | | | |
|----------------|---|--|--|--|--|---|---|--|--|
| III.3 | Liquid Effluent Retention Facility & 200 Area Effluent Treatment Facility | | | | | | * | | |
| III.4 | 242-A Evaporator | | | | | | * | | |
| III.5 | 325 Hazardous Waste Treatment Units | | | | | | * | | |
| III.10 | Waste Treatment and Immobilization Plant | | | | | | * | | |
| III.11 | Integrated Disposal Facility | | | | | | * | | |
| III.16 | 400 Area Waste Management Unit | | | | | | * | | |
| III.19 | Capsule Interim Storage | | | | | | * | | |
| Part IV | | | | | | | | | |
| IV. | Unit Specific Conditions for Corrective Action | | | | | | | | |
| IV.1 | 100-NR-1 | | | | | * | * | | |
| Part V | | | | | | | | | |
| V. | Unit Specific Conditions for Units Undergoing Closure | | | | | | | | |
| V.6 | Waste Encapsulation and Storage Facility Hot Cells A through F | | | | | | * | | |
| V.25 | PUREX Storage Tunnels | | | | | | * | | |
| V.32 | 242-BA Organic Storage Area | | | | | | * | | |
| Part VI | | | | | | | | | |
| VI. | Unit Specific Conditions for Units in Post Closure | | | | | | | | |
| VI.1 | 200 Area Process Trenches | | | | | | * | | |

Part I Standard and Part II General Facility Conditions

| Unit | Permit Revision | | Comments/History |
|--|-----------------|----------------|--|
| | Incorporated | Retired | |
| 300 Area Solvent Evaporator | Rev. 0 | Rev. 6 | Closed, 7/31/95 |
| 300 Area Waste Acid Treatment System | Rev. 6 | Rev. 8B | Closed, 1/21/05 |
| 303-K Storage Facility | Rev. 4 | Rev. 6 | Closed, 7/22/02 |
| 304 Concretion Facility | Rev. 2 | Rev. 6 | Closed, 1/21/96 |
| 311 Tanks (includes 300 Area WATS) | Rev. 6 | Rev. 7 | Closed, 5/20/02 |
| 3718-F Alkali Metal Treatment/Storage | Rev. 3 | Rev. 6 | Closed, 8/4/98 |
| 4843 Alkali Metal Storage Facility | Rev. 3 | Rev. 6 | Closed, 4/14/97 |
| Hanford Patrol Academy Demo Site | Rev. 2 | Rev. 6 | Closed, 11/28/95 |
| Simulated High Level Waste Slurry | Rev. 1 | Rev. 6 | Closed, 9/6/95 |
| PFP Treatment Unit (HA-20MB) | Rev. 8B | Rev. 8B | Closed, 2/8/05 |
| 241-Z Treatment and Storage Tanks | Rev. 8B | Rev. 8B | Closed, 2/22/07 |
| 303-M Oxide Facility | Rev. 8B | Rev. 8B | Closed, 6/15/06 |
| 224-T Transuranic Waste Storage and Assay Facility | Rev. 8C | Rev. 8C | Closed, 11/12/08 |
| FS-1 Outdoor Container Storage Area Closure | Rev. 8C | Rev. 8C | Closed, 10/25/16 |
| Waste Encapsulation and Storage Facility Hot Cells A through F | Rev. 8C | | |
| 207-A South Retention Basins | Rev. 8C | Rev. 8C | Closed, 05/18/17 |
| 1706 KE Waste Treatment System | Rev. 8C | Rev. 8C | Closed, 1/11/18 |
| 600 Area Purge Water Storage and Treatment Facility | Rev. 8C | Rev. 8C | Closed, 02/16/18 |
| PUREX Storage Tunnels | Rev. 8C | | Unit group requirements were moved from Part III to Part V Revision 8C (8C.2019.5F, 12/17/18). |
| 276-BA Storage Area | Rev. 8C | <u>Rev. 8C</u> | <u>Closed, 05/18/2020</u> |
| Part VI, Postclosure Units | | | |
| 183-H Solar Evaporation Basin | Rev. 4 | | |
| 300 Area Process Trenches | Rev. 3 | | |

1 PART III UNIT-SPECIFIC CONDITIONS FOR FINAL STATUS OPERATIONS

2 Operating Unit 3, Liquid Effluent Retention Facility and 200 Area Effluent Treatment Facility

3 Operating Unit 4, 242-A Evaporator

4 Operating Unit 5, 325 Hazardous Waste Treatment Units

5 Operating Unit 10, Waste Treatment and Immobilization Plant

6 Operating Unit 11, Integrated Disposal Facility

7 Operating Unit 16, 400 Area Waste Management Unit

8 Operating Unit 19, Capsule Interim Storage

9 PART IV UNIT SPECIFIC CONDITIONS FOR CORRECTIVE ACTION

10 Corrective Action Unit 1, 100-NR-1

11 PART V UNIT-SPECIFIC CONDITIONS FOR UNITS UNDERGOING CLOSURE

12 Closure Unit 6, Waste Encapsulation and Storage Facility Hot Cells A through F

13 Closure Unit 25, PUREX Storage Tunnels

14 ~~Closure Unit 32, 276 BA Organic Storage Area~~

15 PART VI UNIT-SPECIFIC CONDITIONS FOR UNITS IN POST-CLOSURE

16 Post Closure Unit 1, 300 Area Process Trenches

17 Post Closure Unit 2, 183-H Solar Evaporation Basins

18 UNITS RETIRED FROM THE PERMIT

19 100 D Ponds (Closed 8/9/99)

20 105-DR Large Sodium Fire Facility (Closed 7/1/04)

21 100-NR-2 Operable Unit (9/30/09)

22 200 West Area Ash Pit Demolition Site (Closed 11/28/95)

23 2101-M Pond (Closed 11/28/95)

24 216-B-3 Expansion Ponds (Closed 7/31/95)

25 218-E-8 Borrow Pit Demolition Site (Closed 11/28/95)

26 224-T Transuranic Waste Storage and Assay Facility (Closed 11/12/08)

27 241-Z Treatment and Storage Tanks (Closed 2/22/07)

28 2727-S Nonradioactive Dangerous Waste Storage Facility (Closed 7/31/95)

29 300 Area Solvent Evaporator (Closed 7/31/95)

30 300 Area Waste Acid Treatment System (Closed 10/30/2005)

31 303-K Storage Facility (Closed 7/22/02)

32 303-M Oxide Facility (Closed 6/15/06)

33 304 Concretion Facility (Closed 1/21/96)

34 305-B Storage Facility (Closed 7/2/07)

35 3718-F Alkali Metal Treatment and Storage Facility Closure Plan (Closed 8/4/98)

Part I Standard and Part II General Facility Conditions

- 1 4843 Alkali Metal Storage Facility Closure Plan (Closed 4/14/97)
- 2 Hanford Patrol Academy Demolition Site (Closed 11/28/95)
- 3 Plutonium Finishing Plant Treatment Unit (Closed 2/8/05)
- 4 Simulated High Level Waste Slurry Treatment and Storage Unit (Closed 10/23/95)
- 5 FS-1 Outdoor Container Storage Area (Closed 10/25/2016)
- 6 616 Non-Radioactive Dangerous Waste Storage Facility (Closed 9/5/01)
- 7 331-C Storage Unit (Closed 7/22/11)
- 8 207-A South Retention Basin (Closed 5/18/17)
- 9 1324-N Surface Impoundment & 1324-NA Percolation Pond (Closed 4/25/2017)
- 10 1706-KE Waste Treatment System Facility (Closed 1/11/18)
- 11 600 Area Purge Water Storage and Treatment Facility (Closed 2/16/18)
- 12 1301-N Liquid Waste Disposal Facility (Closed 11/28/18)
- 13 1325-N Liquid Waste Disposal Facility (Closed 11/28/18)
- 14 276-BA Organic Storage Area (Closed 5/18/2020)