40 CFR Part 191
Subparts B and C
Compliance Recertification Application 2026
for the
Waste Isolation Pilot Plant

Approval Process for Waste Shipment from Waste Generator Sites for Disposal at the WIPP (40 CFR 194.8)

United States Department of Energy
Waste Isolation Pilot Plant

Carlsbad Field Office
Carlsbad, New Mexico

Compliance Recertification Application 2026 Approval Process for Waste Shipment from Waste Generator Sites for Disposal at the WIPP (40 CFR 194.8)

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ACRONYMS AND ABBREVIATIONS

AMWTP	Advanced Mixed Waste Treatment Project
ANL	Argonne National Laboratory
CCP	Central Characterization Program
CFR	Code of Federal Regulations
CH-TRU	contact-handled TRU
CRA	Compliance Recertification Application
DOE	U.S. Department of Energy
EPA	U.S. Environmental Protection Agency
FY	fiscal year
INL	Idaho National Laboratory
ISOCS	In-Situ Object Counting System
LANL	Los Alamos National Laboratory
LLNL	Lawrence Livermore National Laboratory
ORNL	Oak Ridge National Laboratory
QA	quality assurance
RH-TRU	remote-handled TRU
SNL	Sandia National Laboratories
SRS	Savannah River Site
TA	Technical Area
TRU	transuranic
WDS	Waste Data System
WIPP	Waste Isolation Pilot Plant

8.0 APPROVAL PROCESS FOR WASTE SHIPMENT FROM WASTE GENERATOR SITES FOR DISPOSAL AT THE WIPP (40 CFR 194.8)

8.1 Requirements

§ 194.8 Approval Process for Waste Shipment From Waste Generator Sites for Disposal at the WIPP

(a) Quality Assurance Programs at Waste Generator Sites. The Agency will determine compliance with requirements for site-specific quality assurance programs as set forth below:

(1) Upon submission by the Department of a site-specific quality assurance program plan the Agency will evaluate the plan to determine whether it establishes the applicable Nuclear Quality Assurance (NQA) requirements of § 194.22(a)(1) for the items and activities of §§ 194.22(a)(2)(i), 194.24(c)(3) and 194.24(c)(5). The program plan and other documentation submitted by the Department will be placed in the dockets described in § 194.67.

(2) The Agency will conduct a quality assurance audit or an inspection of a Department quality assurance audit at the relevant site for the purpose of verifying proper execution of the site specific quality assurance program plan. The Agency will publish a notice in the Federal Register announcing a scheduled inspection or audit. In that or another notice, the Agency will also solicit public comment on the quality assurance program plan and appropriate Department documentation described in paragraph (a)(1) of this section. A public comment period of at least 30 days will be allowed.

(3) The Agency's written decision regarding compliance with the requisite quality assurance requirements at a waste generator site will be conveyed in a letter from the Administrator's authorized representative to the Department. No such compliance determination shall be granted until after the end of the public comment period described in paragraph (a)(2) of this section. A copy of the Agency's compliance determination letter will be placed in the public dockets in accordance with § 194.67. The results of any inspections or audits conducted by the Agency to evaluate the quality assurance programs described in paragraph (a)(1) of this section will also be placed in the dockets described in § 194.67.

(4) Subsequent to any positive determination of compliance as described in paragraph (a)(3) of this section, the Agency intends to conduct inspections, in accordance with §§194.21 and 194.22(e), to confirm the continued compliance of the programs approved under paragraphs (a)(2) and (a)(3) of this section. The results of such inspections will be made available to the public through the Agency's public dockets, as described in § 194.67.

(b) *Waste Characterization Programs at Transuranic Sites.* The Agency will establish compliance with Condition 3 of the certification using the following process:

(1) DOE will implement waste characterization programs and processes in accordance with § 194.24(c)(4) to confirm that the total amount of each waste component that will be emplaced in the disposal system will not exceed the upper limiting value or fall below the lower limiting value described in the introductory text of § 194.24(c). Waste characterization processes will include the collection and use of acceptable knowledge; destructive and/or nondestructive techniques for identifying and measuring waste components; and the validation, control, and transmittal to the WIPP Waste Information System database of waste characterization data, in accordance with § 194.24(c)(4).

(2) The Agency will verify the compliance of waste characterization programs and processes identified in paragraph (b)(1) of this section at sites without EPA approval prior to October 14, 2004, using the following process:

(i) DOE will notify EPA by letter that a transuranic waste site is prepared to ship waste to the WIPP and has established adequate waste characterization processes and programs. DOE also will provide the relevant waste characterization program plans and documentation. EPA may request additional information from DOE.

(ii) EPA will conduct a baseline compliance inspection at the site to verify that adequate waste characterization program plans and technical procedures have been established, and that those plans and procedures are effectively implemented. The inspection will include a demonstration or test by the site of the waste characterization processes identified in paragraph (b)(1) of this section. If an inspection does not lead to approval, we will send an inspection report to DOE identifying deficiencies and place the report in the public docket described in § 194.67. More than one inspection may be necessary to resolve compliance issues.

(iii) The Agency will announce in the Federal Register a proposed Baseline Compliance Decision to accept the site's compliance with § 194.24(c)(4). We will place the inspection report(s) and any supporting documentation in the public docket described in § 194.67. The site inspection report supporting the proposal will describe any limitations on approved waste streams or waste characterization processes. It will also identify (through tier designations in accordance with paragraph (b)(4) of this section) what changes to the approved waste characterization processes must be reported to and approved by EPA before they can be implemented. In the notice, we will solicit public comment (for a minimum of 45 days) on the proposed Baseline Compliance Decision, including any limitations and the tier designations for future changes or expansions to the site's waste characterization program.

(iv) Our written decision regarding compliance with the requirements for waste characterization programs and processes described in paragraph (b)(1) of this section will be conveyed in a letter from the Administrator's authorized representative to DOE. EPA will not issue a compliance decision until after the end of the public comment period described in paragraph (b)(2)(iii) of this section. EPA's compliance decision will respond to significant and timely-received comments. A copy of our compliance decision will be placed in the public docket described in § 194.67. DOE will comply with any requirements identified in the compliance decision and the accompanying inspection report.

(3) Subsequent to any positive determination of compliance as described in paragraph (b)(2)(iv) of this section, the Agency intends to conduct inspections, in accordance with § 194.24(h), to confirm the continued compliance of approved waste characterization programs and processes at transuranic waste sites. EPA will make the results of these inspections available to the public in the dockets described in § 194.67.

(4) Subsequent to any positive determination of compliance as described in paragraph (b)(2)(iv) of this section, the Department must report changes or expansions to the approved waste characterization program at a site in accordance with the tier designations established in the Baseline Compliance Decision.

(i) For changes or expansions to the waste characterization program designated as ''Tier 1,'' the Department shall provide written notification to the Agency. The Department shall not ship for disposal at WIPP any waste that has been characterized using the new or revised processes, equipment, or waste streams until EPA has provided written approval of such new or revised systems.

(ii) For changes or expansions to the waste characterization program designated as ''Tier 2,'' the Department shall provide written notification to the Agency. Waste characterized using the new or revised processes, equipment, or waste streams may be disposed at WIPP without written EPA approval.

(iii) EPA may conduct inspections in accordance with § 194.24(h) to evaluate the implementation of Tier 1 and Tier 2 changes or expansions to the waste characterization program at a site.

(iv) Waste characterization program changes or expansions that are not identified as either "Tier 1" or "Tier 2" will not require written notification by the Department to the Agency before implementation or before shipping waste for disposal at WIPP.

(5) Subsequent to any positive determination of compliance as described in paragraph (b)(2)(iii) of this section, EPA may revise the tier designations for approving changes or expansions to the waste characterization program at a site using the following process:

(i) The Agency shall announce the proposed tier changes in a letter to the Department. The letter will describe the Agency's reasons for the proposed change in tier designation(s). The letter and any supporting inspection report(s) or other documentation will be placed in the dockets described in § 194.67.

(ii) If the revised designation entails more stringent notification and approval requirements (*e.g.,* from Tier 2 to Tier 1, or from undesignated to Tier 2), the change shall become effective immediately and the site shall operate under the more stringent requirements without delay.

(iii) If the revised designated entails less stringent notification and approval requirements, (*e.g.,* from Tier 1 to Tier 2, or from Tier 2 to undesignated), EPA will solicit comments from the public for a minimum of 30 days. The site will continue to operate under the more stringent approval requirements until the public comment period is closed and EPA notifies DOE in writing of the Agency's final decision.

(6) A waste generator site that EPA approved for characterizing and disposing transuranic waste at the WIPP under this section prior to October 14, 2004, may continue characterizing and disposing such waste at the WIPP under paragraph (c) of this section until EPA has conducted a baseline compliance inspection and provided a Baseline Compliance Decision under paragraph (b)(2) of this section.

(i) Until EPA provides a Baseline Compliance Decision for such a site, EPA may approve additional transuranic waste streams for disposal at WIPP under the provisions of paragraph (c) of this section. Prior to the effective date of EPA's Baseline Compliance Decision for such a site, EPA will continue to conduct inspections of the site in accordance with § 194.24(c).

(ii) EPA shall conduct a baseline compliance inspection and issue a Baseline Compliance Decision for such previously approved sites in accordance with the provisions of paragraph (b) of this section, except that the site shall not be required to provide written notification of readiness as described in paragraph (b)(2)(i) of this section.

(c) *Waste characterization programs at waste generator sites with prior approval.* For a waste generator site that EPA approved for characterizing and disposing transuranic waste at the WIPP under this section prior to October 14, 2004, the Agency will determine compliance with the requirements for use of process knowledge and a system of controls at waste generator sites as set in this paragraph (c). Approvals for a site to characterize and dispose of transuranic waste at WIPP will proceed according to this section only until EPA has conducted a baseline compliance inspection and provided a Baseline Compliance Decision for a site under paragraph (b)(2) of this section.

(1) For each waste stream or group of waste streams at a site, the Department must:

(i) Provide information on how process knowledge will be used for waste characterization of the waste stream(s) proposed for disposal at the WIPP; and

(ii) Implement a system of controls at the site, in accordance with § 194.24(c)(4), to confirm that the total amount of each waste component that will be emplaced in the disposal system will not exceed the upper limiting value or fall below the lower limiting value described in the introductory text of paragraph (c) of § 194.24. The implementation of such a system of controls shall include a demonstration that the site has procedures in place for adding data to the WIPP Waste Information System ("WWIS"), and that such information can be transmitted from that site to the WWIS database; and a demonstration that measurement techniques and control methods can be implemented in accordance with § 194.24(c)(4) for the waste stream(s) proposed for disposal at the WIPP.

(2) The Agency will conduct an audit or an inspection of a Department audit for the purpose of evaluating the use of process knowledge and the implementation of a system of controls for each waste stream or group of waste streams at a waste generator site. The Agency will announce a scheduled inspection or audit by the Agency with a notice in the Federal Register. In that or another notice, the Agency will also solicit public comment on the relevant waste characterization program plans and Department documentation, which will be placed in the dockets described in § 194.67. A public comment period of at least 30 days will be allowed.

(3) The Agency's written decision regarding compliance with the requirements for waste characterization programs described in paragraph (b)(1) of this section for one or more waste streams from a waste generator site will be conveyed in a letter from the Administrator's authorized representative to the Department. No such compliance determination shall be granted until after the end of the public comment period described in

paragraph (b)(2) of this section. A copy of the Agency's compliance determination letter will be placed in the public dockets in accordance with § 194.67. The results of any inspections or audits conducted by the Agency to evaluate the plans described in paragraph (b)(1) of this section will also be placed in the dockets described in § 194.67.

(4) Subsequent to any positive determination of compliance as described in paragraph (b)(3) of this section, the Agency intends to conduct inspections, in accordance with §§194.21 and 194.24(h), to confirm the continued compliance of the programs approved under paragraphs (b)(2) and (b)(3) of this section. The results of such inspections will be made available to the public through the Agency's public dockets, as described in § 194.67.

[63 FR 27404, May 18, 1998, as amended at 69 FR 42581, July 16, 2004]

8.2 Background

The requirements of 40 Code of Federal Regulations (CFR) 194.8 (U.S. EPA 2004) apply to the process used by the U.S. Environmental Protection Agency (EPA) to approve the shipment of transuranic (TRU) waste from U.S. Department of Energy (DOE) waste generator sites to the Waste Isolation Pilot Plant (WIPP) facility for disposal. The requirements to ensure regulatory compliance of site-specific quality assurance (QA) programs and waste characterization and controls at waste generator sites were initially set by the EPA's 1998 Certification Decision (U.S. EPA 1998) and revised in 2004 (U.S. EPA 2004). For both QA and waste characterization programs, the approval process includes placement in the docket of site-specific documentation submitted by the DOE; publication of a *Federal Register* notice by the EPA announcing a scheduled inspection or audit; a minimum of 30 days for the public to comment on information placed in the docket; and the EPA's written decision regarding the approval of these programs in the form of a letter from the EPA to the DOE. The EPA approves QA programs on a site-wide basis. The EPA also approves waste characterization measures and controls based on the waste streams or, where multiple waste streams may be characterized by the same waste characterization processes and techniques, groups of waste streams.

The DOE created a Waste Data System (WDS) to provide a modern approach to process controls and data sharing as described in Compliance Recertification Application (CRA)-2026, Section 24.3.7. The WDS includes all of the elements of the retired WIPP Waste Information System modules, such as waste component confirmation and demonstration of implementation of measurement techniques and control methods.

The EPA performs a baseline inspection on each TRU waste generator site's waste characterization program (U.S. EPA 2004). Following the EPA's baseline approval, the EPA is authorized to evaluate and approve changes, if necessary, to the site's approved waste characterization program. This is accomplished by conducting inspections under 40 CFR 194.24(h) to confirm the continued compliance of the programs approved and/or to verify the adequacy of any tier-assigned changes to the waste characterization processes. Tier 1 changes require notification and approval from the EPA prior to implementation, whereas Tier 2 changes require post-implementation notification to the EPA. When evaluating proposed Tier 1

changes for approval, the EPA may conduct a site inspection to observe implementation or may opt to conduct a desktop review of information provided specific to a change.

Information and data from previous compliance certification and recertification applications that form the basis of past DOE compliance positions and past EPA decisions are found in the CRA-2019 (U.S. DOE 2019).

8.3 Changes or New Information Since the CRA-2019

The TRU waste generator sites, approved by the EPA to ship contact-handled TRU (CH-TRU) waste to the WIPP facility since the CRA-2019 data cut-off date (January 8, 2018) are as follows: Advanced Mixed Waste Treatment Project (AMWTP), Idaho National Laboratory (INL)/Central Characterization Program (CCP), Los Alamos National Laboratory (LANL)/CCP, Oak Ridge National Laboratory (ORNL)/CCP, Savannah River Site (SRS)/CCP, Lawrence Livermore National Laboratory (LLNL)/CCP, and Argonne National Laboratory (ANL)/CCP. Transuranic waste characterization field activities at the SRS were suspended in 2014 and continued to be suspended until 2020, when the SRS/CCP resumed characterization activities in Area E (U.S. DOE 2021a).

The TRU waste generator sites, approved by the EPA to ship remote-handled TRU (RH-TRU) waste to the WIPP facility since the CRA-2019 data cut-off date are ANL/CCP, INL/CCP, ORNL/CCP, SRS/CCP, and Sandia National Laboratories (SNL)/CCP. The SNL has not performed waste characterization in the field since 2015 (U.S. DOE 2021b). Since the last shipment in 2012, there has been no characterization or certification of RH-TRU canisters at the SRS and no shipment of RH waste to WIPP from the SRS (U.S. DOE 2025).

Table 8-1 summarizes the EPA waste characterization inspections and Tier 1 evaluations at generator sites approved since the CRA-2019 data cut-off date of January 8, 2018, through the CRA-2026 data cut-off date of January 9, 2025.

Table 8-1. EPA Waste Characterization Inspections/Tier 1 Evaluations Approved Since the CRA-2019 Data Cut-off.

AMWTP	EPA baseline inspection	August 8-10, 2017	May 4, 2018	A-98-49; II-A4-218, EPA-HQ-OAR-2017-0650-0004
	Tier 1 adding Mobile In-Situ Object Counting System (ISOCS) nondestructive assay equipment	May 15-16, 2018, and January 2019	May 6, 2019	A-98-49; II-A4-221, EPA-HQ-QAR-2001-0012-0483
	Continued compliance inspection	August 28-31, 2023	August 21, 2024	A-98-49; II-A4-261, EPA-HQ-QAR-2001-0012-0794

Site	Inspection/Tier 1 Evaluation	Date Performed	Date Approved	EPA Docket
INL	Tier 1 adding RH waste streams ID-HFEF-S5000-RP (Lot 6) and ID-HFEF-S3000-RP (Lot 7)	Desktop evaluation	January 10, 2018	A-98-49; II-A4-215, EPA-HQ-OAR-2001-0012-0473
	Tier 1 adding waste stream ID-ANLE-BIN (Lot 9A)	Desktop evaluation	January 23, 2018	A-98-49; II-A4-216, EPA-HQ-OAR-2001-0012-0474
	Tier 1 adding waste stream IN-NRF-SPC-103 (Lot 10)	January 27-29, 2020	December 8, 2020	A-98-49; II-A4-231, EPA-HQ-OAR-2001-0012-0495
	Tier 1 adding RH waste stream ID-BEN-S5100-RH (Lot 9F)	Desktop evaluation	March 10, 2022	A-98-49; II-A4-239, EPA-HQ-OAR-2001-0012-0504
	Tier 1 adding waste stream ID-MISC-RH (Lot 9E)	Desktop evaluation	March 10, 2022	A-98-49; II-A4-240, EPA-HQ-OAR-2001-0012-0505
	Tier 1 adding waste stream ID-ANLE-S5000	Desktop evaluation	March 10, 2022	A-98-49; II-A4-241, EPA-HQ-OAR-2001-0012-0506
	Tier 1 adding RH waste stream ID-TRA660-S5100-RH (Lot 9C)	Desktop evaluation	November 8, 2022	A-98-49; II-A4-244, EPA-HQ-OAR-2001-0012-0766
	Tier 1 adding RH waste stream ID-Bettis-Pu8Li14B-RH	Desktop evaluation	December 28, 2022	A-98-49; II-A4-246, EPA-HQ-OAR-2001-0012-0769
	Tier 1 adding RH waste Stream ID-TRA661-S5400-RH	Desktop evaluation	January 24, 2023	A-98-49; II-A4-247, EPA-HQ-OAR-2001-0012-0770
	Tier 1 adding RH waste stream ID-TRA632-S5100-RH	Desktop evaluation	October 16, 2024	A-98-49; II-A4-262, EPA-HQ-OAR-2001-0012-0795
LANL	EPA Tier 1 addition of the Mobile ISOCS Large Container Counter No. 3 at Technical Area (TA)-55	July 30-August 2, 2018	November 8, 2018	A-98-49; II-A4-219, EPA-HQ-OAR-2001-0012-0482
	Continued compliance inspection	July 30 – August 2, 2018	May 10, 2019	A-98-49; II-A4-222
	Tier 1 relocation of High-Efficiency Neutron Counter #1 at TA-63	March 25-May 18, 2021	May 2021	A-98-49; II-A4-234, EPA-HQ-OAR-2001-0012-0499
	Continued compliance inspection	June 26-30, 2022	November 2022	A-98-49; II-A4-243, EPA-HQ-OAR-2001-0012-0765

Site	Inspection/Tier 1 Evaluation	Date Performed	Date Approved	EPA Docket
	Tier 1 to use the figure of merit methodology with the Mobile ISOCS Large Container Counter No. 1	Desktop evaluation	April 5, 2024	EPA-HQ-OAR-2001-0012-0792
LLNL	EPA baseline inspection of CH-TRU waste	August 5-7, 2019	May 6, 2020	A-98-49; II-A-4-230 EPA-HQ-OAR-2020-0087-0003
	Tier 1 evaluation of the visual examination process for use on solid CH-TRU waste	August 9-11, 2021	February 1, 2022	A-98-49; II-A4-237 EPA-HQ-OAR-2001-0012-0502
	Continued compliance Inspection	August 9-11, 2021	February 1, 2022	A-98-49; II-A4-238 EPA-HQ-OAR-2001-0012-0503
	Tier 1 to implement Product Container Assemblies	Desktop evaluation	March 13, 2024	EPA-HQ-OAR-2001-0012-0790
ORNL	Continued compliance inspection	March 6-8, 2018	May 9, 2018	A-98-49; II-A4-217, EPA-HQ-OAR-2001-0012-0478
	Tier 1 addition of building 7930 and the post-2014 Radiochemical Engineering Development Center waste populations to waste stream OR-REDC-RH-HET Appendices G & H	Desktop evaluation	September 26, 2018	A-98-49; II-A4-219, EPA-HQ-OAR-2001-0012-0480
	Tier 1 addition of RH waste stream OR-CHEM-RH-HET	May – June 2019	July 8, 2019	A-98-49; II-A4-223, EPA-HQ-OAR-2001-0012-0487
	Tier 1 addition of RH Waste stream OR-W1A-RH-SOIL	Desktop evaluation	January 22, 2020	A-98-49; II-A4-225, EPA-HQ-OAR-2001-0012-0489
	Tier 1 addition of real-time radiography for RH waste	Desktop evaluation	January 22, 2020	A-98-49; II-A4-226, EPA-HQ-OAR-2001-0012-0490
	Laboratory evaluation report – ORNL Radioactive Materials Analytical Laboratory for RH waste	March 25-28, 2019	January 22, 2020	A-98-49; II-A4-227, EPA-HQ-OAR-2001-0012-0491
	Tier 1 additions to waste stream OR-REDC-RH-HET (Post 2015) Appendix I	Desktop evaluation	August 2020	A-98-49; II-A4-232
	Tier 1 adding RH waste stream OR-WC-14-RH-HET and OR-WC14-RH-HOM	Desktop evaluation	December 20, 2022	A-98-49; II-A4-245, EPA-HQ-OAR-2001-0012-0768

Site	Inspection/Tier 1 Evaluation	Date Performed	Date Approved	EPA Docket
	Continued compliance inspection	May 1-4, 2023	October 26, 2023	A-98-49; II-A4-252, EPA-HQ-OAR-2001-0012-0783
	Tier 1 adding RH waste streams OR-MRF-RH-HET and OR-MRF-RH-HOM	Desktop evaluation	October 26, 2023	A-98-49; II-A4-253, EPA-HQ-OAR-2001-0012-0783
	Continued compliance inspection	May 1-4, 2023	October 26, 2023	A-98-49; II-A4-252, EPA-HQ-OAR-2001-0012-0783
	Tier 1 adding waste stream OR-GRSC-RH-HOM	Desktop evaluation	November 17, 2023	A-98-49; II-A4-254, EPA-HQ-OAR-2001-0012-0785
SRS	Baseline inspection adding CH characterization to E-Area	November 30-December 2, 2020	June 7, 2021	A-98-49; II-A4-235, EPA HQ OAR-2021-0233-0003
	Tier 1 adding CH characterization in K-Area	October 18-20, 2021	January 13, 2022	A-98-49; II-A4-236, EPA-HQ-OAR-2001-0012-0501
	Tier 1 adding Subfamily 1B of waste stream SR-KAC-PuOx	October 2022	October 13, 2022	A-98-49; II-A4-242, EPA-HQ-OAR-2001-0012-0764
	Tier 1 adding subfamily 2D of waste stream SR-KAC-PuOx	February 2023	February 28, 2023	A-98-49; II-A4-248 EPA-HQ-OAR-2001-0012-0771
SNL	EPA Baseline Inspection of RH-TRU Waste	June 24-25, 2019, and April-July 2019	January 16, 2020	A-98-49; II-A4-229, EPA-HQ-OAR-2019-0634-0004

Table 8-2 summarizes other EPA approvals, such as Tier 2 changes and other decisions since the CRA-2019 data cut-off date.

Table 8-2. Other EPA Approvals and Decisions Since the CRA-2019 Data Cut-off

Site	Implementing Document or Changed Activity	EPA Response (Approval Not Required for Tier 2)	Date	EPA Docket
AMWTP and CCP Activities at ANL, INL, LANL, ORNL, SNL, and SRS	Fiscal Year (FY) 17 Quarterly Tier 2 Report, 4th Quarter	EPA acknowledgment letter	April 6, 2018	N/A
	FY18 Quarterly Tier 2 Report, 1st Quarter	EPA acknowledgment letter	June 4, 2018	N/A
	FY18 Quarterly Tier 2 Report, 2nd Quarter	EPA acknowledgment letter	July 27, 2018	N/A

Site	Implementing Document or Changed Activity	EPA Response (Approval Not Required for Tier 2)	Date	EPA Docket
	FY18 Quarterly Tier 2 Report, 3rd Quarter	EPA acknowledgment letter	February 6, 2019	N/A
	FY18 Quarterly Tier 2 Report, 4th Quarter	EPA acknowledgment letter	February 6, 2019	N/A
	FY19 Quarterly Tier 2 Report, 1st Quarter	EPA acknowledgment letter	June 24, 2019	N/A
	FY19 Quarterly Tier 2 Report, 2nd Quarter	EPA acknowledgment letter	June 24, 2019	N/A
	FY19 Quarterly Tier 2 Report, 3rd Quarter	EPA acknowledgment letter	September 19, 2019	N/A
	FY19 Quarterly Tier 2 Report, 4th Quarter	EPA acknowledgment letter	December 9, 2019	N/A
	FY20 Quarterly Tier 2 Report, 1st Quarter	EPA acknowledgment letter	June 4, 2020	N/A
	FY20 Quarterly Tier 2 Report, 2nd Quarter	EPA acknowledgment letter	October 21, 2020	N/A
	FY20 Quarterly Tier 2 Report, 3rd Quarter	EPA acknowledgment letter	October 21, 2020	N/A
	FY20 Quarterly Tier 2 Report, 4th Quarter	EPA acknowledgment letter	May 5, 2021	N/A
	FY21 Quarterly Tier 2 Report, 1st Quarter	EPA acknowledgment letter	May 5, 2021	N/A
	FY21 Quarterly Tier 2 Report, 2nd Quarter	EPA acknowledgment letter	November 16, 2021	N/A
	FY21 Quarterly Tier 2 Report, 3rd Quarter	EPA acknowledgment letter	January 5, 2022	N/A
	FY21 Quarterly Tier 2 Report, 4th Quarter	EPA acknowledgment letter	July 29, 2022	N/A
	FY22 Quarterly Tier 2 Report, 1st Quarter	EPA acknowledgment letter	July 29, 2022	N/A
	FY22 Quarterly Tier 2 Report, 2nd Quarter	EPA acknowledgment letter	July 29, 2022	N/A
	FY22 Quarterly Tier 2 Report, 3rd Quarter	EPA acknowledgment letter	January 13, 2023	N/A
	FY22 Quarterly Tier 2 Report, 4th Quarter	EPA acknowledgment letter	January 13, 2023	N/A
	FY23 Quarterly Tier 2 Report, 1st Quarter	EPA acknowledgment letter	May 23, 2023	N/A
	FY23 Quarterly Tier 2 Report, 2nd Quarter	EPA acknowledgment letter	October 23, 2023	N/A

Site	Implementing Document or Changed Activity	EPA Response (Approval Not Required for Tier 2)	Date	EPA Docket
	FY23 Quarterly Tier 2 Report, 3rd Quarter	EPA acknowledgment letter	October 23, 2023	N/A
	FY23 Quarterly Tier 2 Report, 4th Quarter	EPA acknowledgment letter	April 15, 2024	N/A
	FY24 Quarterly Tier 2 Report, 1st Quarter	No response	N/A	N/A
	FY24 Quarterly Tier 2 Report, 2nd Quarter	Pending	N/A	N/A
	FY24 Quarterly Tier 2 Report, 3rd Quarter	Pending	N/A	N/a

The DOE continues to comply with the requirements of 40 CFR 194.8, and there are no outstanding issues with the EPA related to 40 CFR 194.8.

8.4 References

(*Indicates a reference that has not been previously submitted.)

U.S. Department of Energy (DOE). 2019. Title 40 CFR Part 191 Subparts B and C. Compliance Recertification Application for Waste Isolation Pilot Plant (March). Carlsbad, NM: Carlsbad Field Office. DOE/WIPP 2019-3609.*

U.S. DOE. 2021a. Final Certification Audit Report of the Savannah River Site Central Characterization Program Area E for Transuranic Waste Activities (March). Carlsbad, NM: Carlsbad Field Office. Audit Number A-21-08*

U.S. DOE. 2021b. Final Audit Report of the Sandia National Laboratories Central Characterization Program for TRU Waste Characterization Activities (September). Carlsbad, NM: Carlsbad Field Office. Audit Number A-21-19*

U.S. DOE. 2025. Final Audit Report of the Savannah River Site Central Characterization Program for Transuranic Waste Activities in E- and K- Areas (February). Carlsbad, NM: Carlsbad Field Office. Audit Number QAD-A-25-16*

U.S. Environmental Protection Agency (EPA). 1998. 40 CFR Part 194: Criteria for the Certification and Recertification of the Waste Isolation Pilot Plant's Compliance with the Disposal Regulations: Certification Decision; Final Rule. *Federal Register*, vol. 63 (May 18, 1998): 27353–406.

U.S. EPA. 2004. 40 CFR Part 194: Criteria for the Certification and Recertification of the Waste Isolation Pilot Plant's Compliance with the Disposal Regulations; Alternative Provisions (Final Rule). *Federal Register*, vol. 69 (July 16, 2004): 42571–583.