

TA 50

Proposed Modifications to the LANL RCRA Hazardous Waste Operating Permit for Mixed Waste Operations at the Controlled-Air Incinerator

16-Feb-95



<u>ATTACHMENT</u>	<u>PAGE</u>	<u>SECTION</u>	<u>SUMMARY</u>	<u>MODIFICATION CLASS</u>	<u>CLASS CITATION</u>
Attachment B	B-3	B.2	Change 1st sentence "The waste incinerator system building and Room 117 storage area are routinely" to "The controlled-air incinerator system building and Rooms 117 and 118 storage areas are routinely".	1	A.1
Attachment B	B-3	B.2	Change section title "TA-50 Waste Incinerator and Room 117 Storage Area Potential Problems" to "TA-50 Controlled-Air Incinerator and Rooms 115, 117, and 118 Storage Area Potential Problems"	1	A.1
Attachment B	B-4	B.2.3	Change "A copy is sent for records to HSE-8 and kept for" to "A copy is sent for records to ESH-19 and kept for"	1	A.1
Attachment B	B-6	B.5.1	Change "The TA-50 waste incinerator" to "The TA-50 controlled-air incinerator"	1	A.1

<u>ATTACHMENT</u>	<u>PAGE</u>	<u>SECTION</u>	<u>SUMMARY</u>	<u>MODIFICATION CLASS</u>	<u>CLASS CITATION</u>
Attachment B	B-7	B.5.1	Update the list of emergency communication equipment.	1	A.1
Attachment D	D-12	D.6.1	Add "(unless an electronic badge reader is in use)" after the phrase, "...the secretary will remove the personnel attendance roster that is located near the secretary's desk..."	1	A.1
Attachment D	Table		Under the first column, change "TA-50-37 Room 117 Storage Area" to "TA-50-37 Rooms 117 and 118 Storage Areas".	1	A.1
Attachment J	J-5	J.2.6.1	5th Para. Add "Rooms 117 and 118 are drained to the sump in Room 112 manually, if necessary".	1	A.1
Attachment J	J-5	J.2.6.2	1st Para. Delete "Selected controls and instrument readouts are also located at the incinerator main control panel and the liquid burner station at the incinerator".	1	A.1

<u>ATTACHMENT</u>	<u>PAGE</u>	<u>SECTION</u>	<u>SUMMARY</u>	<u>MODIFICATION CLASS</u>	<u>CLASS CITATION</u>
Attachment J	J-6	J.2.6.3.2	Add after the word "timer", " or a programmable logic controller".	1	A.1
Attachment J	J-6	J.2.6.3.4	Delete "the loading cycle timer is disabled and"	1	A.1
Attachment J	J-7	J.3.4	Change "HSE-7 maintains a safety" to "CST-27 maintains a safety ". Change "inspections of all HSE-7 facilities" to inspections of all CST waste management facilities". Change "A representative of HSE-3, Industrial Safety, is an ad hoc member" to "A	1	A.1
Attachment J	J-7	J.3.5.1	Change "Each person assigned to TDF operations receives a copy of" to "Each person assigned to TDF operations has access to a copy of"	1	A.1
Attachment J	J-7	J.3.5.1	Change "Standard Operating Procedures" to "Safe Operating Procedures". Change "Facility Operating Instructions (OIs)" to Facility Operating Procedures". Change "Process Operating Instructions (OIs)" to "Process Operating Procedures" Change "Utility O	1	A.1

ATTACHMENT	PAGE	SECTION	SUMMARY	MODIFICATION CLASS	CLASS CITATION
Attachment J	J-7	J.3.5.2	Change section title "Standard Operating Procedures" to "Safe Operating Procedures".	1	A.1
Attachment J	J-7	J.3.5.2	Change "Standard Operating Procedures" to "Safe Operating Procedures". Change "revisions to the HSE Division SOP Committee" to "revisions to the ESH Division SOP Committee".	1	A.1
Attachment J	J-8	J.3.5.3	Change paragraph ... "The building manager ...SWPs" to "The appropriate disciplines in Facilities Engineering (ENG-5), Health Physics Operations (ESH-1), Facility Risk Management (ESH-3), and Industrial Hygiene and Safety (ESH-5) review the SWPs.	1	A.1
Attachment J	J-8	J.3.5.4	Change section title "Operating Instructions" to "Detailed Operating Procedures".	1	A.1
Attachment J	J-8	J.3.5.4	Change paragraph "Operating Instructions (OIs)" to "Detailed Operating Procedures (DOPs)". Add "and/or review " after "Member's of the engineering staff". Change "OIs" to "DOPs". Change "section" to "Group"	1	A.1

<u>ATTACHMENT</u>	<u>PAGE</u>	<u>SECTION</u>	<u>SUMMARY</u>	<u>MODIFICATION CLASS</u>	<u>CLASS CITATION</u>
Module III	III-1	2	Change "c. Containers may be stored within storage Room 117 of the Controlled Air incinerator" to "c. Containers may be stored within storage Rooms 117 and 118 of TA-50-37".	1	A.1
Module III	III-3	3	Change section e. "...stored in Building 50-37, Room 117" to "...stored in Building 50-37, Rooms 117 and 118 combined".	1	A.1
Module V		FIGURE 8	Update Figure 8, CAI Process Diagram, to reflect changes to the pollution control equipment train.	1	A.3
Module V	40	F.9	Modification of the radioactivity monitoring requirement to allow for treatment of mixed waste.	3	L.5.b
Module V	43	I.5.b	Change "EID" to "NMED".	1	A.1

<u>ATTACHMENT</u>	<u>PAGE</u>	<u>SECTION</u>	<u>SUMMARY</u>	<u>MODIFICATION CLASS</u>	<u>CLASS CITATION</u>
Module V	43	J.3	To clarify the intent of the permit condition, insert "either" after "may be".	1	A.2
Module V	V-3	V.E	1. Delete text {, "Process Sump pH Out";} 2. Delete {, "Lower Chamber Temperature";} 3. Delete {, "Upper Chamber Temperature";} 6. Delete {, "Upper Chamber Oxygen";} 7. Delete {, "Final Flow Totalizer";} 4. Delete {, "Final Flow Totalizer";} 5. Delete {, "Final Flow Totalizer"};	1 (or 2)	A.1 (or L.5.c)
Module V	V-3	V.F.1	Change title - "Total Chloride Content" to "Total Chlorine Content"	1	A.2
Module V	V-4	V.F.5.b.	Change text from "...1400 degrees Fahrenheit, measured at the hot duct between the primary and secondary chambers" to "...1400 degrees Fahrenheit, measured at the entrance to the duct connecting the primary and secondary combustion chambers".	1	A.1
Module V	V-4	V.F.6.b.	Change text from "...controlled with either sodium hydroxide or potassium hydroxide to a pH range above 1.0 ± 3%" to "...controlled with either sodium hydroxide, potassium hydroxide, or magnesium chloride to pH range above 1.0."	1	A.1

<u>ATTACHMENT</u>	<u>PAGE</u>	<u>SECTION</u>	<u>SUMMARY</u>	<u>MODIFICATION CLASS</u>	<u>CLASS CITATION</u>
Module V	V-5	10	Change section title "Automatic Shutdown" to "Automatic Waste Feed Cutoff".	1	A.1
Module V	V-5	11.b.(4)	Change "The applicable Operating Instruction (OIs), Safe Operating Procedures, and/or Special Work Permit(s) required for the particular..." to "The applicable procedures, Safe Operating Procedures, and/or Special Work Permit(s) (SWPs) required for the	1	A.1
Module V	V-5	V.F.10.a.	Change "shutdown" to "discontinued".	1	A.1
Module V	V-5	V.F.10.b.	Change "automatic shutdown" to "automatic waste feed cutoff".	1	A.1
Module V	V-6	V.G.1.	Change "Ash resulting from a listed waste burn shall be cemented and disposed of off site as a hazardous waste." to "Ash resulting from a listed waste burn shall be stabilized or vitrified as defined by 40 CFR 268.42, Table 1, and disposed of off site a	1 (or 2)	A.1 (or 40 CFR 27

<u>ATTACHMENT</u>	<u>PAGE</u>	<u>SECTION</u>	<u>SUMMARY</u>	<u>MODIFICATION CLASS</u>	<u>CLASS CITATION</u>
Module V	V-6	V.H.4.	Change section title "Automatic Cutoff" to "Automatic Waste Feed Cutoff".	1	A.1
