

NEVADA DIVISION OF ENVIRONMENTAL PROTECTION

PERMIT

FOR A HAZARDOUS WASTE MANAGEMENT FACILITY

Permittee: United States Department of Energy, Nevada Operations Office
Facility: Nevada Test Site
Identification Number: NV3890090001
Permit Number: **NEV HW009**

This permit is issued by the Nevada Division of Environmental Protection (NDEP) under the authority of Nevada Revised Statutes (NRS) 459.520 and Nevada Administrative Code (NAC) 444.842 through 444.960. This permit is issued to the United States Department of Energy Nevada Operations Office (DOE/NV), hereinafter called the Permittee, to operate a nonradioactive hazardous waste storage unit and a nonradioactive explosive waste treatment unit located at the Nevada Test Site (hereinafter called the Facility) approximately 105 km (65 mi) northwest of Las Vegas, Nevada. The Nevada Test Site (NTS) is a United States Department of Energy (DOE) installation occupying approximately 3598 km² (1,389 mi²) of federally owned land in southeastern Nevada's Nye County. Historically, the primary mission of the NTS was to conduct nuclear weapons tests. Since the moratorium on nuclear weapons testing began in October 1992, this mission has changed to maintain a level of readiness to conduct these tests, if so directed. Because of its favorable environment and infrastructure, the NTS supports national security-related research, development and testing programs. The NTS is also actively involved in hazardous and radioactive waste management. Nonradioactive hazardous wastes regulated under the Resource Conservation and Recovery Act (RCRA) are generated at the NTS from a broad range of activities as described in §§ P.3.c and P.4.c of the permit application. All nonradioactive hazardous wastes (with the exception of waste explosives) are presently transported to approved off-site RCRA hazardous waste treatment, storage, and disposal facilities. This permit allows the Permittee to store nonradioactive hazardous waste in containers on a pad designed for the safe storage of the wastes generated at the facility. Conventional explosive wastes are generated at the NTS from tunnel operations, the NTS Security firing range, the resident national laboratories and other activities related to NTS operations. This permit allows the Permittee to treat nonradioactive explosive wastes, which are hazardous wastes as defined under 40 CFR §§ 261.21, 261.23, 261.24, and 261.33, by open detonation in a specially constructed and managed area designed for the safe and effective treatment of explosive hazardous wastes. The Permittee must

comply with all terms and conditions of this permit. This permit consists of the conditions contained herein and the applicable regulations contained in 40 CFR Parts 260 through 270 and 40 CFR Part 124, as specified in the permit. Applicable regulations are those which are in effect on the date of issuance of the permit, in accordance with 40 CFR § 270.32(c). This permit is based on the assumption that the information submitted in the RCRA Part B Permit Application For Waste Management Activities at the Nevada Test Site certified on October 14, 1999 and as modified by subsequent amendments (hereinafter called the permit application) is accurate and that the facility is constructed and operated as specified in the application. Any inaccuracies found in the submitted information may be grounds for the termination, revocation and reissuance, or modification of this permit in accordance with 40 CFR §§ 270.41, 270.42, and 270.43 and for enforcement action. The Permittee must inform NDEP of any deviation from or changes in the information in the application which would affect the Permittee's ability to comply with the applicable regulations or permit conditions.

This permit is effective as of November 17, 2000 and shall remain in effect until November 17, 2005 unless revoked or reissued under 40 CFR § 270.41, terminated under 40 CFR § 270.43, or continued in accordance with 40 CFR § 270.51(a).

This permit shall be reviewed by the Administrator five years after the date of permit issuance or reissuance and shall be modified as necessary, as provided in NRS 459.520(4).

Date

Allan Biaggi, Administrator

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LIST OF ACRONYMS

CFR	Code of Federal Regulations
DOT	U.S. Department of Transportation
DOE	U.S. Department of Energy
DOE/NV	U.S. Department of Energy Nevada Operations Office
DTRA	U.S. Defense Threat Reduction Agency
EODU	Explosive Ordnance Disposal Unit
FFACO	Federal Facilities Agreement and Consent Order
FY	Federal Fiscal Year
HMX	Cyclotetramethylenetetranitramine
HSWA	Hazardous and Solid Waste Amendments
HWAS	Hazardous Waste Accumulation Site
HWSU	Hazardous Waste Storage Unit
MWDU	Mixed Waste Disposal Unit
MWSU	Mixed Waste Storage Unit
NAC	Nevada Administrative Code
NDEP	Nevada Division of Environmental Protection
NRS	Nevada Revised Statutes
NTS	Nevada Test Site
PETN	Pentaerythritol Tetranitrate
RCRA	Resource Conservation and Recovery Act
RDX	Cyclotrimethylenetrinitramine
RWMS	Radioactive Waste Management Site
TNT	Trinitrotoluene