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**RENEWAL APPLICATION
CHAPTER M**

INFORMATION FOR SPECIFIC UNITS

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4 Introduction

5 Management, storage and disposal of transuranic (TRU) mixed waste in the Waste Isolation
6 Pilot Plant (WIPP) facility is subject to regulation under Title 20 of the New Mexico
7 Administrative Code (NMAC), Chapter 4, Part 1, Section 500 (20.4.1.500 NMAC), ~~Subpart V.~~

8 ~~Module III of the permit authorizes the storage and management of contact handled (CH) and~~
9 ~~remote handled (RH) TRU mixed waste containers in the Waste Handling Building Container~~
10 ~~Storage Unit (WHB Unit) and Parking Area Container Storage Units (Parking Area Unit).~~ The
11 technical requirements of 20.4.1.500 NMAC (incorporating 40 CFR §§264.170 to 264.178) are
12 applied to the operation of the Waste Handling Building (WHB) Unit and the Parking Area
13 Container Storage Unit. Renewal Application Appendix M1 describes the container storage
14 units, the TRU mixed waste management facilities and operations, and compliance with the
15 technical requirements of 20.4.1.500 NMAC.

16 The WIPP is a geologic repository mined within a bedded salt formation, which is defined in
17 20.4.1.100 NMAC (incorporating 40 CFR §260.10) as a miscellaneous unit. As such,
18 Hazardous Waste Management Units (HWMUs) within the repository are eligible for
19 permitting according to 20.4.1.100 NMAC (incorporating 40 CFR §260.10), and are
20 regulated under 20.4.1.500 NMAC; (incorporating 40 CFR 264, Subpart X, Miscellaneous
21 Units).

22 ~~Module IV of the permit authorizes the management and disposal of CH and RH TRU mixed~~
23 ~~waste containers in panels, also referred to as underground Hazardous Waste Disposal Units~~
24 ~~(HWDUs).~~ The Disposal Phase will consist of receiving CH and RH TRU mixed waste shipping
25 containers, unloading and transporting the waste containers to the Underground Hazardous
26 Waste Disposal Units (HWDUs), emplacing the waste in the Underground HWDUs, and
27 subsequently achieving closure of the Underground HWDUs in compliance with applicable State
28 and Federal regulations. As required by 20.4.1.500 NMAC (incorporating 40 CFR §264.601),
29 the Permittees shall ensure that the environmental performance standards for a miscellaneous
30 unit, which are applied to the Underground HWDUs in the geologic repository, will be met.
31 Renewal Application Appendix M2 describes the HWDUs, the TRU mixed waste management
32 facilities and operations, and compliance with the technical requirements of 20.4.1.500 NMAC.