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CHAPTER M

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INFORMATION FOR SPECIFIC UNITS

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3 Introduction

4 Management, storage and disposal of transuranic (**TRU**) mixed waste in the Waste Isolation
5 Pilot Plant (**WIPP**) facility is subject to regulation under Title 20 of the New Mexico
6 Administrative Code, Chapter 4, Part 1 (20.4.1 NMAC), Subpart V.

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

14 The WIPP is a geologic repository mined within a bedded salt formation, which is defined in
15 20.4.1.100 NMAC (incorporating 40 CFR §260.10) as a miscellaneous unit. As such, hazardous
16 waste management units (**HWMUs**) within the repository are eligible for permitting according to
17 20.4.1.101 NMAC (incorporating 40 CFR §260.10), and are regulated under 20.4.1.500 NMAC,
18 Miscellaneous Units.

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