

ATTACHMENT C

SECURITY

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1 Attachment C Introduction, Footnote 1
2

3 The active portion of the facility is the Property Protection Area (**PPA**) as described in Permit
4 Module III. Within this area, the only area where transuranic (**TRU**) mixed wastes are handled
5 outside of the Contact- or Remote-Handled Packaging is inside the Waste Handling Building
6 (**WHB**), the TRUPACT Maintenance Facility (TMF), the waste hoist, and the underground.
7 Whenever TRU mixed waste is handled, a Controlled Area (**CA**) is established for the purpose
8 of radiation protection, which limits access to only trained personnel or to untrained personnel
9 (visitors) who are continuously under the escort of trained personnel. CAs are established in
10 accordance with the WIPP Radiation Safety Manual and are managed to limit the radiation
11 exposure to personnel to less than 100 millirem per year. The CA is initially set at the entrances
12 to the Parking Area Container Storage Unit (Parking Area Unit), Waste Handling Building
13 Container Storage Unit (WHB Unit), the TMF Bay, and portions of the underground. The
14 boundary of the CA is posted with signs as specified by the Permittees.
15

16 C-1a(2)(b) Means to Control Entry
17

18 Entry into the PPA, whether by personnel or vehicles, is through controlled gates and doors.
19 WIPP-facility access-control procedures are designed to ensure that only properly identified and
20 authorized persons, vehicles, and property are allowed entrance to and exit from the facility. A
21 personnel identification and access control system is maintained within the facility. Employees
22 identify themselves with an identification badge when entering or leaving the premises. Security
23 officers require visitors to show proper authorization prior to allowing them to enter the facility. In
24 addition, visitors are required to wear a temporary badge and may require an authorized escort.
25 Because the WIPP facility controls entry to the active portion of the facility at all times, the
26 requirements of 20.4.1.500 NMAC (incorporating 40 CFR §264.14(b)(2)(ii)); are met.
27

28 For the purposes of entry control to areas where wastes are being handled, the Waste Handling
29 Building Container Storage Unit (**WHB Unit**), the boundaries of the Parking Area Unit ~~south of~~
30 ~~the WHB~~, the Staging Areas, and those portions of the underground where wastes are disposed
31 are posted as Controlled Areas (**CAs**). The WIPP allows access to a CA by anyone who has
32 successfully completed General Employee Radiological Training, which is included in the
33 General Employee Training Course. Access for visitors can also be arranged with proper
34 training.
35

36 Areas within the CA, however, may have further access restricted. Smaller areas may be
37 designated as Radiological Buffer Areas, Radiation Areas, and Radioactive Materials Area.
38 These smaller areas are generally within the direct vicinity of waste handling activities, waste
39 verification and examination activities, or waste storage or disposal areas. They are sized and
40 posted in accordance with strict guidelines. Activities in these areas are performed under a
41 Radiological Work Permit (**RWP**), and personnel must be listed on the RWP before they are
42 allowed to enter. To be listed on the RWP, personnel must have the appropriate radiological
43 and hazardous waste worker training and must have available radiation dose for the task. In

1 addition, the individuals must sign the RWP acknowledging that they intend to comply with the
2 radiological controls that are in place. Personnel may be escorted into the smaller areas if they
3 are escorted by a person who meets all of the above requirements and is not performing any
4 work in the area.

5
6 The WHB Unit, the Parking Area Unit, the Staging Areas and the underground Hazardous
7 Waste Disposal Units (HWDUs) will be posted with a sign that states: "Danger: Authorized
8 Personnel Only" in both English and Spanish.

9