ATTACHMENT II-5

PREPAREDNESS AND PREVENTION PLAN

1. DESIGN AND OPERATION OF THE FACILITY

a. The Permittee shall design, construct, maintain, and operate the Facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden discharge of hazardous waste or hazardous waste constituents to air, soil, groundwater, or surface water which could threaten the environment or human health.

2. REQUIRED EQUIPMENT

a. The Permittee shall equip and maintain in good operating condition, all emergency equipment listed in Attachment II-6, *Contingency Plan.*

3. TESTING AND MAINTENANCE OF EQUIPMENT

a. The Permittee shall inspect and maintain emergency equipment in accordance with Attachment II-3, *Site Inspection Plan* to ensure proper operation in time of emergency.

4. ACCESS TO COMMUNICATIONS OR ALARM SYSTEM

a. Whenever hazardous waste is being poured, mixed, spread, sampled, or actively managed, other than in storage, all personnel involved in that operation shall have immediate access to an internal alarm or emergency communication device, either directly or through visual or voice contact with another employee. If there is only one employee on the premises while the Facility is operating, that employee shall have immediate access to a device, such as a telephone (mobile or landline available at the scene of operation) or a hand-held two-way radio, capable of summoning external emergency assistance.

5. REQUIRED AISLE SPACE

a. The Permittee shall maintain aisle space to allow for unobstructed movement of personnel, equipment, etc., in an emergency. Aisle spacing shall be maintained in accordance with Attachment II-3, *Site Inspection Plan*, and Attachment III-1, *Container Management Plan.*

6. ARRANGEMENTS WITH LOCAL AUTHORITIES

a. At least once every 36 months, the Permittee shall attempt to make arrangements with State or local authorities as follows for the type of waste handled at the Facility, as outlined in Utah Admin. Code R315-8.3.7.

   i. Invite the Tooele County Sheriff's Office and Fire Department to tour the Facility or visit with them in order to familiarize them with the facility layout, associated hazards, properties of hazardous waste handled at the Facility, places where facility personnel would normally be working, entrances to and roads inside the Facility, and possible evacuation routes;

   ii. Visit with primary medical service organizations who would be called upon in the event of a medical emergency to familiarize them with the properties of hazardous waste handled at the Facility and the types of injuries or illnesses which could result from fires, explosions, or releases at the Facility. The Permittee shall discuss the types of medical services that may be provided in such an emergency and how such services may be accessed by the Permittee;

   iii. Visit with the Tooele County Health Department and the Division of Environmental Response and Remediation regarding emergency response and coordination; and

   iv. Review and update agreements with emergency response contractors and equipment suppliers.

b. Where State or local authorities decline to enter into these arrangements, the Permittee shall document such refusals in the Operating Record.

7. PREVENTION OF HAZARDS

a. No torch cutting or welding shall be allowed within the Permittee's Facility unless specifically approved through a management process.

b. No smoking or open flames are allowed within the Permittee's Facility. "No Smoking" signs shall be placed at each entrance to the Facility.

c. Eating, chewing gum, using smokeless tobacco and drinking inside the Permittee's Facility shall be restricted; however, drinking from approved containers shall be allowed in non-waste handling areas.

d. All buildings at the Permittee's Facility shall be equipped with emergency lighting to reduce the chance of injury or accident in the event of a power failure or blackout.

END OF ATTACHMENT II-5