

Enclosure 2

MFN 15-023 Supplement 1

GEH Supplemental Response to RAI 11.04-1

ABWR DCD DRAFT Revision 6 Markups

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Proportional amounts of wastes and fixative are incorporated into the solid radwaste matrix to assure that no free water accumulates in the waste container in compliance with the Branch Technical Position ETSB 11-3.

Packaging and transporting radioactive wastes will be in conformance with 10CFR61. Packaged wastes will be shipped in conformance with 49CFR173, Subpart I, limits. Sufficient onsite storage is provided to hold at least six months production of radwaste. The radiation monitoring of the solid product generated for shipment offsite (GDC 64) is accomplished by providing monitoring devices at the solids container so that, as the container is filled, the waste accumulation is measured to prevent the container from exceeding acceptable radiation levels.

Other criteria that are also applicable to the solid waste portion of the Radwaste System have been discussed previously in Section 11.2.1.2.

11.4.2 System Description

11.4.2.1 General Description

The major Solid Waste System equipment consists of the following:

- (1) Thin-film dryer
- (2) A waste supply tank and a waste supply pump
- (3) A moisture separator, a condenser and a vent blower
- (4) A pelletizer
- (5) A powder hopper and a binder measuring hopper
- (6) A pellet filling machine
- (7) A particle filter, HEPA filter and a filter blower
- (8) A mixing tank
- (9) A solidification agent measuring hopper and an additive water tank
- (10) A drum conveyor assembly
- (11) A capping machine
- (12) A cleaning water tank and a cleaning water pump
- (13) A cleaning water receiving tank and a decant pump
- (14) An incinerator

This includes compliance with Regulatory Guide 1.143,

including the quality classification, construction and testing requirements in Subsection 11.2.1.2.1, and building requirements in Subsection 11.2.1.2.2.