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10. OPERATING CONTROLS AND LIMITS

The MVDS is a passive spent fuel storage system requiring minimal controls and surveillance during storage operations. The detailed analyses of the design and safety features of the MVDS are documented in Section 3. During handling of spent fuel, operating controls are provided for spent fuel handling equipment. During storage operations when no loading or unloading of fuel is in progress, only the cooling air inlets and outlets need to be periodically observed to guard against massive blockage.

10.1. Operating Controls, and Limits

The MVDS is completely passive during storage operations and the operating limits are that the cooling inlets and outlets shall be free from major blockage and that the seals on the FSCs have no gross leakage. When fuel handling is in progress, certain additional limits are required, including a limit on the allowable lifting height of the CHM and requirements to ensure operability of the CHM. Equipment operability is normally assured by satisfying the associated surveillance requirements. These controls and limits are required to detect gross blockage of the MVDS cooling air, confirm that FSC seal leakage is within limits and to ensure safe handling of loads during spent fuel storage and unloading of the MVDS.

The FSV ISFSI Technical Specifications, contain the operating controls, limits for operation of the FSV ISFSI.

10.2. Design Features

The design features of the MVDS and associated ISFSI facilities ensure safe storage of spent fuel without active cooling. The design details of the facility are included in Section 3.

10.3. Administrative Controls

The administrative controls identify the organization, review requirements, procedures, and record keeping requirements to ensure that the ISFSI is managed in a safe and reliable manner. Details of the staffing and administrative controls for the ISFSI are included in Section 9.

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