

## 5.0 ADMINISTRATIVE CONTROLS AND PROGRAMS (continued)

### 5.2 Transport Evaluation Program

- a. For lifting of the loaded MPC, TRANSFER CASK, or OVERPACK using equipment which is integral to a structure governed by 10 CFR Part 50 regulations, 10 CFR 50 requirements apply.
- b. This program is not applicable when the TRANSFER CASK or OVERPACK is in the FUEL BUILDING or is being handled by equipment providing support from underneath (i.e., on a rail car, heavy haul trailer, air pads, etc...).
- c. The TRANSFER CASK or OVERPACK, when loaded with spent fuel, may be lifted to and carried at any height necessary during TRANSPORT OPERATIONS and MPC TRANSFER, provided the lifting equipment is designed in accordance with items 1, 2, and 3 below.
  1. The metal body and any vertical columns of the lifting equipment shall be designed to comply with stress limits of ASME Section III, Subsection NF, Class 3 for linear structures. All vertical compression loaded primary members shall satisfy the buckling criteria of ASME Section III, Subsection NF.
  2. The horizontal cross beam and any lifting attachments used to connect the load to the lifting equipment shall be designed, fabricated, operated, tested, inspected, and maintained in accordance with applicable sections and guidance of NUREG-0612, Section 5.1. This includes applicable stress limits from ANSI N14.6.
  3. The lifting equipment shall have redundant drop protection features which prevent uncontrolled lowering of the load.
  4. For existing handling equipment which does not meet the above criteria, lift heights shall not exceed the limits in Table 5-1, provided the impact surface is bounded by the ISFSI pad parameters in Table 2.2.9 of the HI-STORM FW FSAR. Alternatively, a site-specific drop analysis may be performed in accordance with Section 3.4.7 of Appendix B.

**5.0 ADMINISTRATIVE CONTROLS AND PROGRAMS (continued)****5.2 Transport Evaluation Program (continued)****Table 5-1****TRANSFER CASK and OVERPACK Lifting Requirements**

<b>ITEM</b>	<b>ORIENTATION</b>	<b>LIFTING HEIGHT LIMIT (in.)</b>
<b>TRANSFER CASK</b>	<b>VERTICAL</b>	<b>11</b>
<b>TRANSFER CASK</b>	<b>HORIZONTAL</b>	<b>None Established (Note 1)</b>
<b>OVERPACK</b>	<b>VERTICAL</b>	<b>11</b>
<b>OVERPACK</b>	<b>HORIZONTAL</b>	<b>Not Permitted</b>

**Notes:**      1. See Technical Specification 5.2.c.4.