

Technical Specification Change Request No. 23 (Rev. 1) [Appendix A]

Replace page 3/4 9-7 with the attached revised page 3/4 9-7.

Proposed Changes

Add the following footnote to Specification 3.9.7: "except during the installation of the high density spent fuel storage racks in the spent fuel storage pool."

Reason for Proposed Change

At the present time, loads in excess of 2750 pounds (except for the missile shield and pool divider gate) are prohibited from travelling over fuel assemblies in the storage pool. In order to install the high density spent fuel storage racks in the spent fuel storage pool (and to remove the present spent fuel storage racks) it is necessary to move loads in excess of 2750 pounds over the stored spent fuel.

Safety Analysis Justifying the Proposed Change

Specification 3.9.11 requires that all missile shields be maintained over the top of irradiated fuel assemblies seated in the storage racks when not handling the irradiated fuel. Therefore, during the installation of the high density spent fuel storage racks, the missile shields will be in place to protect the irradiated fuel in case a storage rack was dropped. During an investigation by Gilbert Associates, the drop of a new and old storage rack was compared to the design missiles for the missile shields and found to have less kinetic energy on impact than the design missiles.

Florida Power Corporation feels that the safety margin for the dropping of a storage rack, along with the fact that the high-density spent fuel storage rack installation is a one-time event, provides adequate justification for the Technical Specification Change Request.

REFUELING OPERATIONS

CRANE TRAVEL - SPENT FUEL STORAGE POOL BUILDING

LIMITING CONDITION FOR OPERATION

3.9.7 Loads in excess of 2750 pounds, except for movement of the missile shield and pool divider gate as necessary for access to the fuel assemblies, shall be prohibited from travel over fuel assemblies in the storage pool.*

APPLICABILITY: With fuel assemblies and water in the storage pool.

ACTION:

With the requirements of the above specification not satisfied, place the crane load in a safe condition. The provisions of Specification 3.0.3 are not applicable.

SURVEILLANCE REQUIREMENTS

4.9.7.1 Crane interlocks and/or physical stops which prevent crane travel with loads in excess of 2750 pounds over fuel assemblies shall be demonstrated OPERABLE within 7 days prior to crane operation and at least once per 7 days during crane operation.

4.9.7.2 Prior to operating the crane in the cask handling mode, verify that:

- a. No fuel assemblies are in the storage pool adjacent to the cask loading area, and
- b. The watertight gate between storage pools is in place and sealed.

*except during the installation of the high density spent fuel storage racks in the spent fuel storage pool.