

LIMITING CONDITIONS FOR OPERATION

B. Core Monitoring

During core alterations two SRM's shall be operable one in the core quadrant where fuel or control rods are being moved, and one in an adjacent quadrant, except as specified in 3 and 4 below. For an SRM to be considered operable, the following conditions shall be satisfied:

1. The SRM shall be inserted to the normal operating level. (Use of special movable, dunking type detectors during initial fuel loading and major core alterations in place of normal detectors is permissible as long as the detector is connected to the normal SRM circuit).
2. The SRM shall have a minimum of 3 cps with all rods fully inserted in the core.
3. Prior to spiral unloading, the SRM's shall be proven operable as stated above, however, during spiral unloading the count rate may drop below 3 cps.
4. Prior to spiral reload, two diagonally adjacent fuel assemblies will be loaded into their previous core positions next to each of the 4 SRM's to obtain the required 3 cps. Until these eight assemblies have been loaded, the 3 cps requirement is not necessary.

C. Spent Fuel Pool Water Level

Whenever irradiated fuel is stored in the spent fuel pool, the pool water level shall be maintained at or above a level of 36 feet.

SURVEILLANCE REQUIREMENT

B. Core Monitoring

Prior to making any alterations to the core, the SRM's shall be functionally tested and checked for neutron response. Thereafter, while required to be operable, the SRM's will be checked daily for response.

Prior to spiral unloading or re-loading the SRM's shall be functionally tested. Prior to spiral unloading, the SRM's should also be checked for neutron response.

C. Spent Fuel Pool Water Level

Whenever irradiated fuel is stored in the spent fuel pool, the water level shall be recorded daily.

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quadrant during such alterations. The requirement of 3 counts per second provides assurance that neutron flux is being monitored and insures that startup is conducted only if the source range flux level is above the minimum assumed in the control rod drop accident.

During spiral unloading, it is not necessary to maintain 3 cps because core alterations will involve only reactivity removal and will not result in criticality.

The loading of diagonally adjacent bundles around the SRM's before attaining the 3 cps is permissible because these bundles were in a subcritical configuration when they were removed and therefore they will remain subcritical when placed back in their previous position.

3. Spent Fuel Pool Water Level

To assure that there is adequate water to shield and cool the irradiated fuel assemblies stored in the pool, a minimum pool water level is established. The minimum water level above the top of the fuel is established to provide adequate shielding and is well above the level to assure adequate cooling.