Industry/TSTF Standard Technical Specification Change Traveler

Eliminate "manipulation" from the definition of Core Alteration

Priority/Classification 2) Consistency/Standardization

NUREGs Affected: ☐ 1430 ☐ 1431 ☑ 1432 ☐ 1433 ☐ 1434

Description:

The words, "or manipulation" were deleted from the definition of Core Alteration.

Justification:

When considering components in the Reactor Vessel such as Fuel , CEAs, or sources, it is improbable (by definition of manipulation) that fuel, CEAs or Sources could be manipulated without moving these components. Also this change would make the CE NUREG consistent with the other PWR NUREGs.

Revision History

OG Revision 0 **Revision Status: Active** **Next Action:**

Revision Proposed by: Calvert Cliffs

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 14-Sep-95

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 02-Oct-95

TSTF Review Information

TSTF Received Date: 27-Nov-95 Date Distributed for Review 27-Nov-95

OG Review Completed: ☑ BWOG ☑ WOG ☑ CEOG ☑ BWROG

TSTF Comments:
WOG - Not applicable to WOG

TSTF Resolution: Approved Date: 21-Mar-96

NRC Review Information

NRC Received Date: 25-Mar-96 NRC Reviewer: R. Tjader

NRC Comments:

4/22/96 R. Tjader recommended approval. Comment: Core Alts involve movement of fuel or components and manipulation is redundant. This change will make the consistent with the other PWRs.
6/11/96 - C. Grimes comment: TSTF-47 will be referred to a Tech Br.
9/18/96 - Approved.

Final Resolution: NRC Approves Final Resolution Date: 18-Sep-96

Incorporation Into the NUREGs

File to BBS/LAN Date: TSTF Informed Date: 14-Jan-97 TSTF Approved Date:

NUREG Rev Incorporated:

Affected Technical Specifications

1.1 Definition of Core Alteration

TSTF-47

1.1 Definitions (continued)

CORE ALTERATION	CORE ALTERATION shall be the movement ~~or manipulation~~ of any fuel, sources, or reactivity control components [excluding control element assemblies (CEAs) withdrawn into the upper guide structure], within the reactor vessel with the vessel head removed and fuel in the vessel. Suspension of CORE ALTERATIONS shall not preclude completion of movement of a component to a safe position.
CORE OPERATING LIMITS REPORT (COLR)	The COLR is the unit specific document that provides cycle specific parameter limits for the current reload cycle. These cycle specific parameter limits shall be determined for each reload cycle in accordance with Specification 5.6.5. Plant operation within these limits is addressed in individual Specifications.
DOSE EQUIVALENT I-131	DOSE EQUIVALENT I-131 shall be that concentration of I-131 (microcuries/gram) that alone would produce the same thyroid dose as the quantity and isotopic mixture of I-131, I-132, I-133, I-134, and I-135 actually present. The thyroid dose conversion factors used for this calculation shall be those listed in [Table III of TID-14844, AEC, 1962, "Calculation of Distance Factors for Power and Test Reactor Sites," or those listed in Table E-7 of Regulatory Guide 1.109, Rev. 1, NRC, 1977, or ICRP 30, Supplement to Part 1, page 192-212, Table titled, "Committed Dose Equivalent in Target Organs or Tissues per Intake of Unit Activity"].
$\bar{E}$—AVERAGE DISINTEGRATION ENERGY	$\bar{E}$ shall be the average (weighted in proportion to the concentration of each radionuclide in the reactor coolant at the time of sampling) of the sum of the average beta and gamma energies per disintegration (in MeV) for isotopes, other than iodines, with half lives > [15] minutes, making up at least 95% of the total noniodine activity in the coolant.
ENGINEERED SAFETY FEATURE (ESF) RESPONSE TIME	The ESF RESPONSE TIME shall be that time interval from when the monitored parameter exceeds its ESF actuation setpoint at the channel sensor until the ESF equipment is capable of performing its safety

(continued)