Industry/TSTF Standard Technical Specification Change Traveler

Exempt RCP seal water injection or leakoff from the definition of Unidentified Leakage

Priority/Classification 1) Correct Specifications

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

Description:

Revise the definition of Unidentified Leakage from "All Leakage that is not identified leakage or controlled leakage." to "All leakage (except RCP seal water injection or leakoff) that is not identified leakage.

Justification:

The exception for controlled leakage from NUREG-0123 was revised in the definition of identified leakage to an exception for "RCP seal water injection or leakoff." However, the term was retained in the definition of Unidentified Leakage. This term, Controlled Leakage, should therefore be similarly revised and included as an exception in the definition of Unidentified Leakage since it is not considered to be Leakage, and the undefined term "Controlled Leakage" should not be used.
This change is consistent with NUREG-1431.

Revision History

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

Revision Proposed by: ANO-1

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 24-Aug-95

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 08-Sep-95

TSTF Review Information

TSTF Received Date: 22-Sep-95 Date Distributed for Review 03-Oct-95

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

TSTF Comments:

NUREG-1431 already has this change. N/A for BWRs. CEOG Accepts.

TSTF Resolution: Approved Date: 25-Nov-95

NRC Review Information

NRC Received Date: 03-Jan-96 NRC Reviewer: C. Harbuck

NRC Comments:

6/11/96 - C. Grimes comment: decision on TSTF-40 to be made.
9/18/96 - no change in status
3/13/97 - Approved.

Final Resolution: NRC Approves Final Resolution Date: 13-Mar-97

Incorporation Into the NUREGs

File to BBS/LAN Date: TSTF Informed Date: TSTF Approved Date:

NUREG Rev Incorporated:

Affected Technical Specifications

1.0	Definition of Leakage

1.1 Definitions

LEAKAGE (continued)	3. Reactor Coolant System (RCS) LEAKAGE through a steam generator (SG) to the Secondary System; (except RCP seal water injection or leakoff) b. Unidentified LEAKAGE All LEAKAGE that is not identified LEAKAGE ~~or controlled LEAKAGE~~; c. Pressure Boundary LEAKAGE LEAKAGE (except SG LEAKAGE) through a nonisolable fault in an RCS component body, pipe wall, or vessel wall.
MODE	A MODE shall correspond to any one inclusive combination of core reactivity condition, power level, average reactor coolant temperature, and reactor vessel head closure bolt tensioning specified in Table 1.1-1 with fuel in the reactor vessel.
NUCLEAR HEAT FLUX HOT CHANNEL FACTOR $F_Q(Z)$	$F_Q(Z)$ shall be the maximum local linear power density in the core divided by the core average fuel rod linear power density, assuming nominal fuel pellet and fuel rod dimensions.
NUCLEAR ENTHALPY RISE HOT CHANNEL FACTOR ($F^N_{\Delta H}$)	($F^N_{\Delta H}$) shall be the ratio of the integral of linear power along the fuel rod on which minimum departure from nucleate boiling ratio occurs, to the average fuel rod power.
OPERABLE—OPERABILITY	A system, subsystem, train, component, or device shall be OPERABLE or have OPERABILITY when it is capable of performing its specified safety function(s) and when all necessary attendant instrumentation, controls, normal or emergency electrical power, cooling and seal water, lubrication, and other auxiliary equipment that are required for the system, subsystem, train, component, or device to perform its specified safety function(s) are also capable of performing their related support function(s).

(continued)

1.1 Definitions

ENGINEERED SAFETY FEATURE (ESF) RESPONSE TIME (continued)	function (i.e., the valves travel to their required positions, pump discharge pressures reach their required values, etc.). Times shall include diesel generator starting and sequence loading delays, where applicable. The response time may be measured by means of any series of sequential, overlapping, or total steps so that the entire response time is measured.
L_a	The maximum allowable containment leakage rate, L_a, shall be [0.25]% of containment air weight per day at the calculated peak containment pressure (P_a).
LEAKAGE	LEAKAGE shall be: a. Identified LEAKAGE 1. LEAKAGE, such as that from pump seals or valve packing (except reactor coolant pump (RCP) seal water injection or leakoff), that is captured and conducted to collection systems or a sump or collecting tank; 2. LEAKAGE into the containment atmosphere from sources that are both specifically located and known either not to interfere with the operation of leakage detection systems or not to be pressure boundary LEAKAGE; or 3. Reactor Coolant System (RCS) LEAKAGE through a steam generator (SG) to the Secondary System. b. Unidentified LEAKAGE (except RCP seal water injection or leakoff) All LEAKAGE that is not identified LEAKAGE; c. Pressure Boundary LEAKAGE LEAKAGE (except SG LEAKAGE) through a nonisolable fault in an RCS component body, pipe wall, or vessel wall.

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