

Industry/TSTF Standard Technical Specification Change Traveler

Correct invalid SR for Containment Isolation Valve Position

Priority/Classification 3) Improve Specifications

NUREGs Affected: 1430 1431 1432 1433 1434

Description:

The Surveillances for PAM instruments are revised so that Containment isolation valve indication is verified with a TADOT instead of a Channel Calibration. To facilitate the change, an additional column is added to Table 3.3.3-1 which indicates the Surveillance Requirements that are applicable to each PAM function.

Justification:

Containment isolation valve indication is driven by limit switches on the valve. The other OGs use a Channel Calibration for this test with further explanation in the Bases as to how this test is performed. However, under NUREG-1431 a TADOT is the appropriate test to perform on the indication, not a Channel Calibration. The change to the Table format is consistent with LCO 3.3.1, Table 3.3.1-1.

Revision History

OG Revision 0

Revision Status: Closed

Revision Proposed by: H. B. Robinson

Revision Description:
Original Issue

Owners Group Review Information

Date Originated by OG: 04-Jun-97

Owners Group Comments
Completely replaced by Rev. 1

Owners Group Resolution: Superceded Date: 19-Aug-97

OG Revision 1

Revision Status: Active

Next Action: NRC

Revision Proposed by: WOG

Revision Description:
Complete Replacement of WOG-113.

Owners Group Review Information

Date Originated by OG: 19-Aug-97

Owners Group Comments
(No Comments)

Owners Group Resolution: Approved Date: 19-Aug-97

2/20/98

TSTF Review Information

TSTF Received Date: 20-Nov-97 Date Distributed for Review 06-Jan-98

OG Review Completed: BWO WOG CEOG BWROG

TSTF Comments:

The other OGs do use a Channel Calibration for this test. Change the description - The other OGs NUREGs use a Channel Calibration with further explanation in the Bases as to how this test is performed. For W, the more appropriate test is a TADOT. WOG only

TSTF Resolution: Approved Date: 05-Feb-98

Incorporation Into the NUREGs

File to BBS/LAN Date:

TSTF Informed Date:

TSTF Approved Date:

NUREG Rev Incorporated:

Affected Technical Specifications

LCO 3.3.3	PAM Instrumentation	
	Change Description:	Table 3.3.3-1
SR 3.3.3	PAM Instrumentation	
	Change Description:	SR Note
SR 3.3.3 Bases	PAM Instrumentation	
	Change Description:	SR Note
SR 3.3.3.3	PAM Instrumentation	
	Change Description:	New SR
SR 3.3.3.3 Bases	PAM Instrumentation	
	Change Description:	New SR

STF-244

SURVEILLANCE REQUIREMENTS

NOTE

SR 3.3.3.1 and SR 3.3.3.2 apply to each PAM instrumentation Function in Table 3.3.3-1, *except Item 9. SR 3.3.3.3 applies only to Item 9.*

SURVEILLANCE	FREQUENCY
SR 3.3.3.1 Perform CHANNEL CHECK for each required instrumentation channel that is normally energized.	31 days
SR 3.3.3.2 -----NOTE----- Neutron detectors are excluded from CHANNEL CALIBRATION. ----- Perform CHANNEL CALIBRATION.	[18] months

[SR 3.3.3.3 | Perform TAOOT. | [18] months]

BASES

SURVEILLANCE
REQUIREMENTSSR 3.3.3.1 (continued)

should be compared to similar unit instruments located throughout the unit.

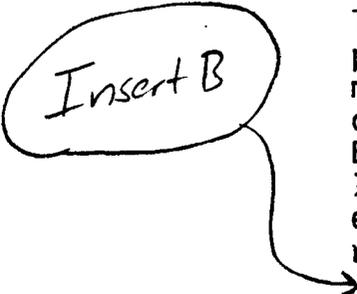
Agreement criteria are determined by the unit staff, based on a combination of the channel instrument uncertainties, including isolation, indication, and readability. If a channel is outside the criteria, it may be an indication that the sensor or the signal processing equipment has drifted outside its limit. If the channels are within the criteria, it is an indication that the channels are OPERABLE.

As specified in the SR, a CHANNEL CHECK is only required for those channels that are normally energized.

The Frequency of 31 days is based on operating experience that demonstrates that channel failure is rare. The CHANNEL CHECK supplements less formal, but more frequent, checks of channels during normal operational use of the displays associated with the LCO required channels.

SR 3.3.3.2

A CHANNEL CALIBRATION is performed every [18] months, or approximately at every refueling. CHANNEL CALIBRATION is a complete check of the instrument loop, including the sensor. The test verifies that the channel responds to measured parameter with the necessary range and accuracy. This SR is modified by a Note that excludes neutron detectors. The calibration method for neutron detectors is specified in the Bases of LCO 3.3.1, "Reactor Trip System (RTS) Instrumentation." The Frequency is based on operating experience and consistency with the typical industry refueling cycle.



Insert B

REFERENCES

1. [Unit specific document (e.g., FSAR, NRC Regulatory Guide 1.97 SER letter).]
2. Regulatory Guide 1.97, [date].
3. NUREG-0737, Supplement 1, "TMI Action Items."

Insert BSR 3.3.3.3

SR 3.3.3.3 is the performance of a TADOT of containment isolation valve position indication. This TADOT is performed every [18] months. The test shall independently verify the OPERABILITY of containment isolation valve position indication against the actual position of the valves.

The Frequency is based on the known reliability of the Functions, and has been shown to be acceptable through operating experience.