

## Coordinated Submittal Process Pilot

TSTF-563, "Revise Instrument Testing Definitions to Incorporate the Surveillance Frequency Control Program," is applicable to the majority of plants:

- No plant-specific information is required
- ~85% of plants have adopted or submitted TSTF-425
- The modified sentence, "The [test type] may be performed by means of any series of sequential, overlapping, or total channel steps," appears in the Channel Calibration definition in all versions of the improved STS and all versions of the original STS.
- The modified sentence was added to the B&W and W definition of Channel Functional Test, COT, and TADOT by TSTF-205 (incorporated in Revision 2 of the ISTS). Existed in CE, BWR/4 and BWR/6 ISTS. Adding modified sentence is a minor variation.

The process is simple:

1. Licensees agree to submit LARs to adopt TSTF-563 in a specified timeframe using the typical submittal process.
2. With that knowledge, the NRC organizes a consistent group of reviewers ("tiger team") to reduce NRC resources and improve consistency.
3. NRC follows normal review and approval process for each submittal.
4. The TSTF and NRC maintain contact on the reviews, schedules, and address any potentially generic questions generically.

## 1.0 USE AND APPLICATION

## 1.1 Definitions

## -----NOTE-----

The defined terms of this section appear in capitalized type and are applicable throughout these Technical Specifications and Bases.

<u>Term</u>	<u>Definition</u>
ACTIONS	ACTIONS shall be that part of a Specification that prescribes Required Actions to be taken under designated Conditions within specified Completion Times.
ALLOWABLE THERMAL POWER	ALLOWABLE THERMAL POWER shall be the maximum reactor core heat transfer rate to the reactor coolant permitted by consideration of the number and configuration of reactor coolant pumps (RCPs) in operation.
AXIAL POWER IMBALANCE	AXIAL POWER IMBALANCE shall be the power in the top half of the core, expressed as a percentage of RATED THERMAL POWER (RTP), minus the power in the bottom half of the core, expressed as a percentage of RTP.
AXIAL POWER SHAPING RODS (APSRs)	APSRs shall be control components used to control the axial power distribution of the reactor core. The APSRs are positioned manually by the operator and are not trippable.
CHANNEL CALIBRATION	A CHANNEL CALIBRATION shall be the adjustment, as necessary, of the channel output such that it responds within the necessary range and accuracy to known values of the parameter that the channel monitors. The CHANNEL CALIBRATION shall encompass all devices in the channel required for channel OPERABILITY and the CHANNEL FUNCTIONAL TEST. Calibration of instrument channels with resistance temperature detector (RTD) or thermocouple sensors may consist of an in-place qualitative assessment of sensor behavior and normal calibration of the remaining adjustable devices in the channel. The CHANNEL CALIBRATION may be performed by means of any series of sequential, overlapping, or total channel steps <i>[, and each step must be performed within the Frequency in the Surveillance Frequency Control Program for the devices included in the step]</i> .
CHANNEL CHECK	A CHANNEL CHECK shall be the qualitative assessment, by observation, of channel behavior during operation. This determination shall include, where possible, comparison of the

## 1.1 Definitions

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CHANNEL FUNCTIONAL TEST	<p>A CHANNEL FUNCTIONAL TEST shall be the injection of a simulated or actual signal into the channel as close to the sensor as practicable to verify OPERABILITY of all devices in the channel required for channel OPERABILITY.</p> <p>The ESFAS CHANNEL FUNCTIONAL TEST shall also include testing of ESFAS safety related bypass functions for each channel affected by bypass operation. The CHANNEL FUNCTIONAL TEST may be performed by means of any series of sequential, overlapping, or total steps <i>[, and each step must be performed within the Frequency in the Surveillance Frequency Control Program for the devices included in the step]</i>.</p>
CONTROL RODS	<p>CONTROL RODS shall be all full length safety and regulating rods that are used to shut down the reactor and control power level during maneuvering operations.</p>
CORE OPERATING LIMITS REPORT (COLR)	<p>The COLR is the unit specific document that provides cycle specific parameter limits for the current reload cycle. These cycle specific limits shall be determined for each reload cycle in accordance with Specification 5.6.3. Plant operation within these limits is addressed in individual Specifications.</p>
DOSE EQUIVALENT I-131	<p>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"].</p>
Ē - AVERAGE DISINTEGRATION ENERGY	<p>Ē 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 &gt; [15] minutes, making up at least 95% of the total noniodine activity in the coolant.</p>