



# PSEG Pre-Submittal Meeting with NRC, July 19, 2017

## Purpose

- Discuss planned license amendment request to revise Salem Reactor Trip System (RTS) Instrumentation and Engineered Safety Feature Actuation System (ESFAS) Instrumentation technical specifications (TS) to be consistent with TSTF-411 and TSTF-418
  - TSTF 411 – WCAP 15376, provides justification for changes to TS for RTS (TS 3.3.1) and ESFAS Instrumentation (TS 3.3.2)
    - Extend reactor trip breaker test time and allowed outage time
    - No changes proposed to surveillance test intervals
  - TSTF 418 – WCAP 14333, provides justification for increasing allowed outage times and bypass times for testing in RTS (TS 3.3.1) and ESFAS Instrumentation (TS 3.3.2)

## Plant Specific Evaluations

- RTS
  - RCP breaker position
- ESFAS
  - Containment ventilation automatic actuation logic
  - Safeguards equipment control system
  - Undervoltage, vital bus
    - Loss of voltage
    - Sustained degraded voltage
  - Semiautomatic transfer to recirculation (Unit 2 only)
    - RWST level low
    - Automatic actuation logic

## Risk Assessment

- Applicable guidance and criteria
  - RG 1.174, Rev. 2
  - RG 1.200, Rev. 2
  - RG 1.177, Rev. 1
- Quantitative analyses for internal events and flood
  - Impact on CDF and LERF
- Qualitative analyses for fire and external events
- Uncertainty addressed using latest draft of NUREG-1855 and supporting EPRI documents