



# Susquehanna Steam Electric Station

License Amendment Request to Modify Technical  
Specification 3.6.1.3 Main Steam Line Isolation System  
Leakage Rate Surveillance Requirements

Pre-Application Meeting  
March 10, 2025

# Meeting Purpose

- Describe license amendment request
  - Scope of request
  - Impacts of requested change
- Schedule

# Description of Amendment

- Proposed change and reason for change:
  - Revise TS SR 3.6.1.3.12 to assign current 100 scfh MSIV leak rate to MSL pathway
  - Align with post LOCA dose analysis assumptions and provide flexibility in outage management planning

# Description of Amendment

- Impacts:
  - No change to acceptance criteria (numerical limits remain the same)
  - No change in testing methodology
  - No impact to MSIV safety function
  - No impact to Dose Analysis

# Schedule

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- Submit by end of April 2025
- Requested issuance in February 2026
- Requested implementation period of 90 days

# List of Acronyms

SSES	Susquehanna Steam Electric Station
LAR	License Amendment Request
TS	Technical Specifications
SR	Surveillance Requirement
FSAR	Updated Final Safety Analysis Report
MSIV	Main Steam Isolation Valve
MSL	Main Steam Line
LOCA	Loss of Coolant Accident
LLRT	Local Leak Rate Test
SCFH	Standard Cubic Feet per Hour
MNPLR	Minimum Pathway Leakage Rate
MXPLR	Maximum Pathway Leakage Rate