



NRC Restart Action Plan

National Institute of Standards and Technology (NIST)



Restart Action Plan - Regulatory Basis

- In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.36, Paragraph (c)(1), if any safety limit is exceeded, the reactor must be shut down. The licensee is required to notify the Commission, review the matter, and record the results of the review, including the cause of the condition and the basis for corrective action taken to preclude recurrence. In addition, the regulation states "... operation must not be resumed until authorized by the Commission."
- NIST technical specification (TS) 6.6.1 states that, in the event the safety limit is exceeded, the reactor shall be shutdown and reactor operations shall not be resumed until authorized by the NRC.

Overview of the Restart Action Plan

- Plan developed using insights from previous restarts (e.g., North Anna Seismic Event)
- Contains the major decisions/deliverables and key interactions
- Restart Action Plan Considers:
 - Regulatory/Licensing Aspects
 - Oversight
 - Enforcement
 - Communication
 - Technical
 - Legal

Major Deliverables / Decisions

- Major Deliverables/Decisions by NRC
 - SIT completes inspection/inspection report
 - Enforcement (as discussed in OE package)
 - Develops Technical Evaluation Report
 - Performs restart inspection/inspection report
 - Staff authorizes restart (Restart Letter) using TER/inspection as basis
- Major Deliverables/Decisions by NIST
 - Provides Root cause analysis
 - Provides Corrective actions report
 - Enforcement decisions/documentation
 - Submits restart request

Key Meetings

- Advisory Committee on Reactor Safeguards
 - ACRS has already requested this interaction
- EDO/Commission Meetings
 - Other restarts had these interactions
- Public Meeting
- These meetings are currently envisioned towards the end of the process