Technical Meeting with the NRC Regarding Fire-Induced Circuit Failure Issue Closure

November 19th, 2008

Agenda:

1. Treatment of Flow Diversion
2. Multiplicity with regard to multiple actuations
3. Summary

Flow Diversion

The Flow Diversion:

- Must be an adverse impact on the ability of a system to perform its' hot shutdown function or else it is classified as "Non-Impacting".
- Evaluate each potential flow path individually
- If the failure criteria are reached in less than or equal to (≤) one hour, the flow diversion path is "Green", or "Required for Hot Shutdown". At least one valve in each "required for hot shutdown" flow path is to be protected in accordance with III.G.2

  [Exemption Requests, Deviation Requests (GL 86-10 Evaluation) & LARs are also permitted]

Flow Diversion

- If the failure criteria are reached in greater than (>) one hour, the flow diversion path is "Orange" or "Important to Safe Shutdown".
- Failure Criteria;
  - Core damage (PCT ≤ 1800°F)
  - Rupture of Primary Coolant Boundary
  - Rupture of Primary Containment.

Multiplicity

- Multiplicity is addressed in the MSO List Development Process.
  - HPCI / RCIC Drain down of suppression pool to the CST
- Industry Feedback Process to capture future risk significant MSOs.
- MSOs are addressed individually.

Summary

- NEI 00-01 Draft Revision to be issued in December
- NEI 00-01 Pilot
  - Started in December
  - Completed in 1Q/2009
- Integration with NRC Closure Plan for Circuit Analysis