

Potential causes being considered.

The Root cause team has initially identified nine categories or groupings of potential causes. They are shown below. Under each category, there are numerous potential causes that have been identified and are being addressed through a support/refute process. The potential causes and support refute process are in progress and not yet finalized.

1. Concrete Design – ie analysis of radial loads, influence of equipment hatch opening
2. Concrete Construction – ie concrete placing or vibration
3. Concrete Materials – ie weak aggregate, concrete slump
4. Concrete Shrinkage, Creep, and Settlement – ie creep, shrinkage
5. Chemical or Environmental Aging – ie corrosion, grease
6. Concrete-Tendon-Liner Interaction – ie tendon relaxation, load distribution
7. Concrete Removal Processes – ie hydro-demolition, de-tensioning process
8. Operational Events – ie containment spray, ILRTs
9. External Events – ie weather, seismic