

Periodic Assessment of AMPs for Industry and Plant Operating Experience

Existing plant processes are adequate for review of plant and industry operating experience. Aging management programs are routinely evaluated for industry and plant OE to determine if adjustments are required for program effectiveness. Evaluations include:

- Input from existing plant operating experience review programs
- Aging Management Program corrective actions and trending
- Industry updates to AMPs (i.e. ASME Code, EPRI Technical Reports, etc.)

Plant Operating Experience Review Programs

NRC issued Orders under NUREG-0737 item I.C.5 requiring that each licensee establish procedures to assure that operating information pertinent to plant safety originating both within and outside the utility organization is continually supplied to operators and other personnel and is incorporated into training and retraining programs. The INPO Operating Experience program and NRC Generic Communications were established to provide industry wide operating experience as input to the plant's operating experience program. AMP enhancements are implemented in response to reviews of industry operating experience. Established NRC inspection procedures (e.g. IP 71152, Problem Identification and Resolution and Inspection Manual 0310, Components within the Cross-Cutting Areas) provide for routine periodic independent evaluation of licensee operating experience review programs and for corrective action programs relevant to assuring ongoing aging management program effectiveness.

Aging Management Program Corrective Actions and Trending

Plant procedures for corrective action programs and trending ensure ongoing aging management program effectiveness. AMP element 7 requires evaluation of adverse conditions consistent with the plant's corrective action program. Extent of condition reviews evaluate related operating experience to determine the scope of corrective actions which could include programmatic revisions. In addition, AMP element 6 for many of the aging management inspections require trending to identify potential impacts to intended function.

Industry Updates to AMPs

AMPs rely on industry guidance for their aging management requirements. The following industry groups update their guidance documents in response to industry operating experience.

- ASME Section XI Requirements
Numerous AMPs rely in whole or in part on ASME requirements that are updated on a 10 year frequency consistent with 10 CFR 50.55a.
- EPRI Technical Reports
EPRI chemistry documents and FAC program documents have been updated on an as need frequency consistent with industry operating experience and developments
- Nuclear Energy Institute/EPRI Initiatives
AMPs such as BWRVIPs, NEI 03-08, Steam Generator Tube Integrity, etc
- Other Industry Standard Development Organizations:
Other industry standard development organizations such as IEEE, ACI, and ASTM, evaluate their guidance documents for updates on an as needed basis
- Regulatory Guidance:
AMPS such as EQ, Appendix J, Open Cycle Cooling Water, Protective Coatings, etc