Code Case OMN-11
Risk-Informed Testing for Motor-Operated Valves

Inquiry: What alternatives may be used for a risk-informed program in lieu of the testing frequency requirements of Code Case OMN-1, para. 3.3 for Inservice Testing of Motor-Operated Valves?

Reply: It is the opinion of the Committee that the following test frequency alternative requirements are an acceptable method of meeting the requirements of OMN-1, paras. 3.3 and 3.7 and may be applied.

Applicability: See Applicability Index

1 SAFETY SIGNIFICANCE CATEGORIZATION

Motor-operated valves (MOV)s shall be evaluated and categorized as high safety significant components (HSSCs) or low safety significant components (LSSCs), in accordance with the safety significance categorization methodology prescribed in Code Case OMN-3. The risk evaluation process may identify MOVs that were not previously included within the scope of OMN-1 but are applicable under a risk-informed program.

2 HSSC INSERVICE TESTING

HSSC MOVs shall be tested in accordance with OMN-1, para. 3.3, using established test frequencies and utilizing a mix of static and dynamic MOV performance testing.

3 LSSC INSERVICE TESTING

(a) LSSC grouping shall be technically justified, but need not comply with all the requirements of OMN-1, para. 3.5.

(b) LSSC MOVs shall be associated with an established group of other MOVs wherever possible. When a member of that group is tested, the test results shall be analyzed and evaluated in accordance with OMN-1, section 6, and applied to all LSSCs associated with that group.

(c) LSSC MOVs that are not able to be associated with an established group, shall be inservice tested in accordance with OMN-1, para. 3.3, using an initial test frequency of three refueling cycles or 5 yr (whichever is longer) until sufficient data exist to determine a more appropriate test frequency.

(d) LSSC MOVs shall be inservice tested at least every 10 yr in accordance with OMN-1, subpara. 3.3.1(c).