

Oconee Nuclear Station, Units 1, 2, and 3 SLRA: Breakout Questions

SLRA Section Scoping and Screening:

2.3.3.1.11 Standby Shutdown Facility Fire Protection System

2.3.3.4 Fire Protection Related Systems

2.4 Scoping and Screening Results: Containments, Structures, and
Component Supports (only fire barrier portion)

Question Number	SLRA Section	SLRA Page	Background / Issue (As applicable/needed)	Discussion Question / Request
1	Section 2.3.3.4	2-143	<p>Table 2.3.3-4-1 of the SLRA does not include the following fire protection components</p> <ul style="list-style-type: none"> • Station Transformer Fire Suppression System and components • fire hose stations, fire hose connections, hose racks • standpipe risers • nozzles • seismic support for standpipes system piping • floor drains for removal of fire water • structural steel fire proofing • dikes for oil spill confinement 	<p>Verify whether the fire protection components listed are within the scope of SLRA in accordance with 10 CFR 54.4(a) and whether they are subject to an aging management review (AMR) in accordance with 10 CFR 54.21(a)(1). If any of the listed components are not within the scope of SLRA and are not subject to an AMR, the staff requests that the applicant provide justification for the exclusion.</p>
2	Section 2.4.8.2	2-340	<p>Section 2.4.8.2 identified Cork and Armaflex fire barrier structural commodities as being within the scope of SLR and subject to AMR. In addition, Section 2.4.8.2 states that the Cork is covered with a fire- and water-resistant caulking material.</p> <p>Table 3.5.2-23 cites the Structures Monitoring program for managing loss of</p>	<p>NRC approved use of Armaflex in a SER dated August 8, 1978, ADAMS Accession No. ML011980234, (page 4-7). Cork as a fire barrier material is not discussed in August 1978 SER. Please provide information, including references, that supports the acceptance of the use of Cork</p>

			<p>sealing of the Cork seismic gap filler material that has a fire barrier intended function. Loss of sealing was the only aging effect identified for this Cork component.</p>	<p>as a fire barrier material at the licensee's facility by the NRC and the applicable aging effects associated with the fire barrier function. Please identify the fire- and water-resistant caulking material covering the Cork, where it is addressed in the SLRA, and the applicable aging effects associated with the fire barrier function. In addition, please confirm that all applicable aging effects associated with the fire barrier function is included in SLRA Table 3.5.2-23 for the Cork seismic gap filler material and discuss how the Structures Monitoring program will manage the applicable aging effects associated with the fire barrier function.</p>
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