

SERP Worksheet for SDP-Related Findings

IMC 0609
Exhibit 4 of Att 1

SERP Date: January 23, 2003

Cornerstone Affected and Proposed Preliminary Results:

This finding affects the Mitigating Systems Cornerstone, because it affects the objective to ensure the availability, reliability, and capability of systems that respond to an external event (fire) to prevent undesirable consequences. Specifically, the licensee's ability to achieve and maintain hot shutdown conditions in the event of a fire in Fire Areas 98J and 99M is affected by the lack of separation of redundant trains of safe shutdown systems in accordance with 10 CFR Part 50, Appendix R, Section III.G.2

Licensee: Entergy Operations, Inc.

Facility/Location: Arkansas Nuclear One

Docket No(s): 50-313 and 50-368

License No(s): DPR-51, NPF-6

Inspection Report No: 2001-06

Date of Exit Meeting: August 21, 2001- final exit meeting pending

Issue Sponsor: Dwight Chamberlain

Meeting Members:
Issue Sponsor: Dwight Chamberlain

Technical Spokesperson: NRR Probabilistic Safety Assessment Office Branch

Program Spokesperson: NRR Inspection Program Branch

OE Representative: Jennifer Dixon-Herrity

A. Brief Description of Issue

ANO Unit 1 fire zones for the diesel generator corridor (Fire Zone 98J) and the north electrical switchgear (Fire Zone 99M) room did not meet separation requirements for electrical cables associated with redundant trains of safe shutdown equipment. In addition, the licensee did not have adequate procedures for the manual actions necessary to achieve safe shutdown (Section 1R05.3 of Reference 1).

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