

EXS

[REDACTED]

Influential assumptions:

[REDACTED]

Sensitivity of results to each influential assumption:

[REDACTED]

Contributions of greatest uncertainty factors and impact on assumptions:

[REDACTED]

Previous similar analyses: N/A

Proposed preliminary or final color: [REDACTED]

[REDACTED]

2. All Other Inspection Findings (not IE, MS, B cornerstones): NONE

D. Proposed Enforcement.

- a. Regulatory requirement not met.

10 CFR 50.48, Section (b) and 10 CFR Part 50, Appendix R, Sections III.G.2, III.G.3, and III.L.

- b. Proposed citation.

During an NRC triennial fire protection inspection conducted on June 11 - 15, 2001, at Arkansas Nuclear One, Unit 1, the following violation of NRC requirements was identified. Note that ANO-1 was licensed prior to January 1, 1979; therefore, was required to meet 10 CFR Part 50, Appendix R, Section III.G.

10 CFR 50.48, "Fire protection," Section (b) states,

"Appendix R to this part establishes fire protection features required to satisfy Criterion 3 of Appendix A to this part with respect to certain generic issues for nuclear power plants licensed to operate before January 1, 1979. ... With respect to all other fire protection features covered by Appendix R, all nuclear power plants licensed to operate before January 1, 1979, must satisfy the applicable requirements of Appendix R to this part, including specifically the requirements of Sections III.G, III.J, and III.O."

10 CFR Part 50, Appendix R, Paragraph III.G, "Fire protection of safe shutdown capability," states,

1. *"Fire protection features shall be provided for structures, systems, and components important to safe shutdown. These features shall be capable of limiting fire damage so that:*
 - a. *One train of systems necessary to achieve and maintain hot shutdown conditions from either the control room or emergency control station(s) is free of fire damage; and*
 - b. *Systems necessary to achieve and maintain cold shutdown from either the control room or emergency control station(s) can be repaired within 72 hours.*
2. *Except as provided for in paragraph G.3 of this section, where cables or*