



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

NRC Power Cable Management Activities

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Background

- Power cables are within the scope of the Maintenance Rule, 10 CFR 50.65
- 17 nuclear power plant sites have experienced failure of medium voltage cables
- Most failures identified after failure
- NRC License Event Reports do not reflect a representative sample

NRC Activities

- Information Notice 2002-12
- Generic Letter 2007-01
- License renewal requirements

Summary

- NRC's goal is to:
 - Prevent unanticipated power cable failures that disable accident mitigation systems or cause plant transients