

APR 29 1974

V. A. Moore, Assistant Director for Light Water Reactors, Group 2, L

REQUEST FOR TECHNICAL REVIEW OF REACTOR BUILDING DUCTWORK MODIFICATIONS,
ARKANSAS POWER AND LIGHT COMPANY, UNIT NO. 1 - DOCKET NO. 50-313

A significant deficiency in the design and construction of the reactor building cool air supply ducts at Arkansas Nuclear One - Unit 1 was reported to our RO:II inspector. Arkansas Power and Light Company required their A-E, Bechtel Corporation, to redesign and reconstruct a major portion of the system. A report of the licensee's investigation and corrective action has been received.

Since the design deficiency discovered at this facility may be generic with the Bechtel design, we request that an in-depth review of the attached report be conducted to determine the adequacy of the corrective action.

/s/
B. H. Grier, Assistant Director
for Construction & Operation
Directorate of Regulatory Operations

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