



UNITED STATES
 NUCLEAR REGULATORY COMMISSION
 WASHINGTON, D.C. 20555

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 ORB#4 Rdg
 Ringram

Docket No. : 50-313

June 5, 1979

Docketing and Service Section
 Office of the Secretary of the Commission

SUBJECT: ARKANSAS NUCLEAR ONE, UNIT NO. 1

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies (12) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License.
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: Notice of Authorization to Resume Operation dtd. 5/31/79

Referenced documents have been provided PDR.

Division of Operating Reactors, ORB#
 Office of Nuclear Reactor Regulation

Enclosure:
 As Stated

OFFICE →	ORB#4: DOR				
SURNAME →	Ringram: rf				
DATE →	6/5/79			8004250 479	P

UNITED STATES NUCLEAR REGULATORY COMMISSION
ARKANSAS POWER & LIGHT COMPANY
DOCKET NO. 50-313
NOTICE OF AUTHORIZATION TO RESUME OPERATION

The United States Nuclear Regulatory Commission issued an Order on May 17, 1979 (44 FR 29997, May 23, 1979), to Arkansas Power & Light Company (the licensee), holder of Facility Operating License No. DPR-51 for Arkansas Nuclear One, Unit No. 1 (ANO-1), confirming that the licensee accomplish a series of actions, both immediate and long term, to increase the capability and reliability of ANO-1 to respond to various transient events. In addition, the Order confirmed that the licensee would maintain ANO-1 in a shutdown condition until the following actions had been satisfactorily completed:

- (a) Upgrade of the timeliness and reliability of the Emergency Feedwater (EFW) System by performing the items specified in Enclosure 1 of the licensee's letter of May 11, 1979. Provide changes in design for NRC review.
- (b) Develop and implement operating procedures for initiating and controlling EFW independent of Integrated Control System control.
- (c) Implement a hard-wired control-grade reactor trip that would be actuated on loss of main feedwater and/or on turbine trip.
- (d) Complete analyses for potential small breaks and develop and implement operating instructions to define operator action.
- (e) Assign at least one Licensed Operator who has had Three Mile Island Unit No. 2 training on the Babcock & Wilcox simulator to the control room (one each shift).

By submittal of May 17, 1979, as supplemented by letters dated May 21 and 22, 1979, the licensee has documented the actions taken in response to the May 17, Order. Notice is hereby given that the Director of Nuclear Reactor Regulation (the Director) has reviewed this submittal and has concluded that the licensee has satisfactorily completed the actions prescribed in items (a) through (e) of paragraph (1) of Section IV of the Order, that the specified modifications and analyses are

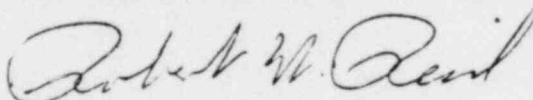
-2-

acceptable and the specified implementing procedures are appropriate.

Accordingly, by letter dated May 31, 1979, the Director has authorized the licensee to resume operation of ANO-1. The bases for the Director's conclusions are more fully set forth in a Safety Evaluation dated May 31, 1979.

Copies of (1) the licensee's letters dated May 17, 21 and 22, 1979, (2) the Director's letter dated May 31, 1979, and (3) the Safety Evaluation dated May 31, 1979 are available for inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. 20555, and are being placed in the Commission's local public document room at the Arkansas Polytechnic College, Russellville, Arkansas. A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

FOR THE NUCLEAR REGULATORY COMMISSION



Robert W. Reid, Chief
Operating Reactors Branch #4
Division of Operating Reactors

Dated at Bethesda, Maryland
this 31st day of May 1979.