

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of )  
ARKANSAS POWER AND LIGHT COMPANY ) Docket No. 50-313  
(Arkansas Nuclear One - Unit No. 1 )

ORDER AUTHORIZING RESUMPTION OF OPERATION

6/14/79

I

The Arkansas Power and Light Company (the "licensee") is the holder of Facility Operating License No. DPR-41 (the "license") which authorizes operation of the Arkansas Nuclear One - Unit No. 1 (the "facility") at steady reactor power levels not in excess of 2568 megawatts thermal (rated power). The license was issued on May 21, 1974, and has an expiration date of December 6, 2008. The facility consists of a Babcock and Wilcox designed pressurized water reactor (PWR), located at the licensee's site in Pope County, Arkansas.

II

The resident inspector at the facility during a routine inspection on June 2, 1979 noted that the Emergency Feedwater System (EFS) was locked out of the automatic initiation mode. The plant was in hot shutdown condition. A Main Feedwater check valve back leakage surveillance test was in progress. The surveillance test did not specify locking out the EFS auto initiation capability nor assuring that the EFS automatic initiation feature would be returned to service.

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In a telephone conversation on June 2, 1979, the licensee Vice President, Mr. William Cavanaugh, III, agreed to immediately proceed to a cold shutdown condition and to remain in that condition until confirmation in writing by the Acting Director, Office of Inspection and Enforcement that the following conditions for startup had been satisfactorily accomplished: (1) the licensee shall evaluate and modify as appropriate its methods for the development, review and approval of procedures for all modes of plant operation; (2) the licensee shall evaluate existing procedures to assure that such procedures include all actions necessary for safety; and (3) the licensee shall take appropriate steps to assure that all plant personnel adhere to approved procedures and do not add unauthorized steps to any procedures.

The above conditions were confirmed in an Order served upon the licensee on June 2, 1979. The facility was verified by the resident inspector to be in cold shutdown on June 3, 1979. A special NRC inspection was initiated on June 3, 1979.

### III

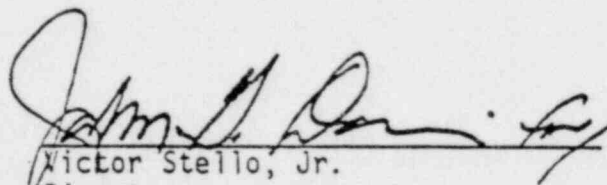
The actions taken by the licensee with respect to the conditions required in Section III of the June 2, 1979 Order are discussed in a letter dated June 12, 1979, to the NRC. NRC inspectors have confirmed that the conditions of the Order have been met. The Director, Office of Inspection and Enforcement has reviewed these actions and other actions taken by the licensee and has determined that the conditions required in Section III of the June 2, 1979 Order have been satisfactorily accomplished.

IV

In view of the foregoing and pursuant to the Atomic Energy Act of 1954, as amended, and the regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED THAT:

The licensee is authorized to resume operation of Arkansas Nuclear One - Unit No. 1.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Victor Stello, Jr.  
Director  
Office of Inspection  
and Enforcement

Dated at Bethesda, Maryland  
this 14th day of June, 1979