

UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

Docket No. 50-313

APR 5 1973

Mr. J. D. Phillips
Vice President & Chief Engineer
Arkansas Power & Light Company
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Dear Mr. Phillips:

Our safety evaluation of Arkansas Nuclear One - Unit 1 is nearing completion. Among the safety questions still to be resolved are fuel densification (our letter of November 20, 1972), high energy line breaks (our letter of December 14, 1972), and Emergency Core Cooling System (ECCS) performance after Core Flooding Tank line break (our meeting on November 17, 1972). Your staff recently notified us that they intend to submit an interim response to our fuel densification inquiry by April 1, 1973. They indicate that they will provide a two stage response to the high energy line question; a review, analysis and identification of problems and solutions by April 6, 1973 followed by a fully detailed analysis a month later. With respect to the ECCS concern, we expect that you will be in a position to provide adequate reference data as well as appropriate design changes by mid-April.

For some time our review schedule has been based on publication of our Safety Evaluation Report by April 23, 1973 and discussion of this application at the May meeting of the Advisory Committee on Reactor Safeguards (ACRS). We consider the foregoing submittal dates too late to be compatible with this review schedule. We are, therefore, adjusting the schedule to coincide with the July ACRS meeting. We expect to publish the Safety Evaluation Report by June 6, 1973. This later schedule appears to be compatible with the submittal dates indicated for outstanding items. It is important that you meet these submittal dates for us to complete our review in a reasonable manner.

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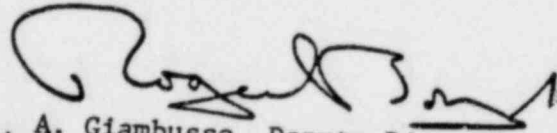
Mr. J. D. Phillips

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The enclosed table presents the new schedule for the principal milestones remaining. We do not expect this adjustment in the review schedule to have an adverse affect on your schedule to load fuel in Unit 1 on November 1, 1973.

Sincerely,



Assistant A. Giambusso, Deputy Director
for Reactor Projects
Directorate of Licensing

Enclosure:
As Stated

cc: Horace Jewell, Esquire
House, Holms & Jewell
1550 Tower Building
Little Rock, Arkansas 72201

ARKANSAS NUCLEAR ONE-UNIT 1
LICENSING REVIEW SCHEDULE

<u>Event</u>	<u>Date Scheduled</u>
Issue Safety Evaluation Report	June 6, 1973
Complete Review and Approval of Radiological Safety Technical Specifications	June 6, 1973
Meeting With Advisory Committee on Reactor Safeguards	July 1973
Issue Supplement to Safety Evaluation Report	August 10, 1973
Complete Review and Approval of Environmental Technical Specifications	September 1, 1973
Prospective Decision Date	November 1, 1973
Date Plant is Ready for Fuel Loading	November 1, 1973