

Docket No. 50-313

JUN 9 1977

Arkansas Power & Light Company
ATTN: Mr. J. D. Phillips
Senior Vice President
Production, Transmission
and Engineering
Sixth and Pine Streets
Pine Bluff, Arkansas 71601

Gentlemen:

By letter dated June 3, 1977, you requested immediate changes to the Arkansas Nuclear One - Unit No. 1 (ANO-1) Technical Specifications to allow additional time (beyond 36 hours) for the repair of a failed reactor building emergency cooling fan. Such a change, to allow continued ANO-1 operation up to 7 days with one (1) of four (4) cooling fans inoperable, was issued as an emergency technical specification change on the evening of June 3, 1977. Our bases for issuance were: (1) the ANO-1 technical specifications were more stringent with regard to cooling fan requirements than need be, since the ANO-1 Final Safety Analysis Report (FSAR) stated that only one (1) spray pump and two (2) cooler fans were needed for pressure reduction; and (2) the latest regulatory guidance, in the form of Standard Technical Specifications, allows a certain period of time for operation in which certain safety-related equipment (including the spray pumps and fan coolers) may be out-of-service.

On June 7, 1977, prior to our preparation and formal issuance of the aforementioned Technical Specification amendment, you notified us by letter that no Loss-of-Coolant Accident (LOCA) - qualified replacement motor for the failed fan could be located in the United States or Europe. You requested additional changes to the Technical Specifications in order to operate indefinitely with one fan cooler out-of-service. We required an analysis in support of this request and specified that you must assume post-LOCA failure-to-start of one diesel generator system, with consequent loss of one spray system and two cooler fans, concurrent with the already out-of-service fan. In this condition, with one spray system and one cooler fan in operation, containment integrity and pressure reduction criteria must be met.

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Your analysis forwarded by letter dated June 8, 1977, as supplemented by our own intensive review, has shown that the aforementioned criteria are indeed met. Therefore, we have issued the enclosed Amendment No. 26 to Facility Operating License No. DPR-51 for the ANO-1 facility.

Copies of our related Safety Evaluations (June 3, 1977, and for the enclosed action) and the Notice of Issuance are also enclosed.

Sincerely,
Original signed by

Don K. Davis

Don K. Davis, Acting Chief
Operating Reactors Branch #2
Division of Operating Reactors

Enclosures:

1. Amendment No. 26 to License No. DPR-51
2. Safety Evaluations
3. Notice

cc w/enclosures:
See next page

DISTRIBUTION=

- Docket
- NRC PDR
- Local PDR
- ORB #2 Reading
- VSTello
- KRGoller
- RMDiggs
- RPSnaider
- ELConner
- OELD
- OI&E (5)
- BJones 4
- BScharf 10
- JMcGough
- BHarless
- DEisenhut
- WButler
- OPA CTare Miles
- DRoss
- ACRS (16)
- TBAbernathy
- JRBuchanan

6/9/77 Notified Don Rucker (AP&L) 1745
6/9/77 Notified Kermit Whitt (I&E) 1730

OFFICE	DOR:ORB #2	DOR:ORB #2	DOR:OT	PDR:PSB/OT	OELD	DOR:ORB #2
SURNAME	RPSnaider:ro	RMDiggs	DEisenhut	WButler	Tantello	DKDavis
DATE	6/9/77	6/9/77	6/9/77	6/9/77	6/9/77	6/9/77

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cc w/enclosures:

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Little Rock, Arkansas 72201

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Little Rock, Arkansas 72201

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Arkansas Polytechnic College
Russellville, Arkansas 72801

Chief, Energy Systems Analyses
Branch (AW-459)
Office of Radiation Programs
U. S. Environmental Protection
Agency
Room 645, East Tower
401 M Street, S. W.
Washington, D. C. 20460

U. S. Environmental Protection
Agency
Region VI Office
ATTN: EIS COORDINATOR
1201 Elm Street
First International Building
Dallas, Texas 75270

Honorable Ermil Grant
Acting County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801

cc w/enclosures and a copy of
AP&L letters dated June 3, 7 & 8,
1977

Director, Bureau of Environmental
Health Services
4815 West Markham Street
Little Rock, Arkansas 72201

(w/cy of 6/3/77 auth.)

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