

Docket Nos. 50-313  
and 50-368

July 19, 1985

Mr. John M. Griffin  
Senior Vice President  
Energy Supply  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Dear Mr. Griffin:

SUBJECT: ORDER MODIFYING LICENSE CONFIRMING ADDITIONAL LICENSEE  
COMMITMENTS ON EMERGENCY RESPONSE CAPABILITY (SUPPLEMENT 1  
TO NUREG-0737)

Re: Arkansas Nuclear One, Unit Nos. 1 and 2

The Commission has issued the enclosed Orders confirming your additional commitment on emergency response capability. These Orders are based on your letters dated April 13, June 25 and November 9, 1984 committing to the schedules specified in the Orders. The above stated letters provided your implementation schedules related to Regulatory Guide 1.97 requirements as specified in the Commission's Orders pertaining to emergency response capability dated June 14, 1984.

Copies of these Orders are being filed with the Office of the Federal Register for publication.

Sincerely,

John F. Stolz, Chief  
Operating Reactors Branch No. 4  
Division of Licensing

Edward J. Butcher, Acting Chief  
Operating Reactors Branch #3  
Division of Licensing

DISTRIBUTION

<u>Docket File</u>	ELJordan	ACRS (10)
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RLee	GVissing	

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ORB #3*	*ORB #3	*ORB #3	*ORB #4	ORB #4	ORB #4	OELD*	AD/DR	JZwolinski
PKreutzer	RLee	EButcher	RIngram	GVissing	Stolz	GLainas	HThompson	6/12/85
6/11/85	6/11/85	6/13/85	6/11/85	6/11/85	6/18/85	6/24/85	6/24/85	7/1/85

\*See previous white for concurrences

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PDR ADOCK 05000313  
P PDR

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Copies of these Orders are being filed with the Office of the Federal Register for publication.

Sincerely,

John F. Stolz, Chief  
Operating Reactors Branch No. 4  
Division of Licensing

Edward J. Butcher, Acting Chief  
Operating Reactors Branch #3  
Division of Licensing

DISTRIBUTION

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ORB#5  
JZwolinski  
6/12/85

ORB #3M	ORB #3	ORB #3	ORB #4	ORB #4	ORB #4	OELD	AD/OR	D/DL
PKreutzer	RLee	EButcher	RIngram	GVising	JStolz		GLainas	HThompson
6/11/85	6/11/85	6/11/85	6/11/85	/ /85	6/11/85		/ /85	/ /85

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Copies of these Orders are being filed with the Office of the Federal Register for publication.

Sincerely,

John F. Stolz, Chief  
Operating Reactors Branch No. 4  
Division of Licensing

Edward J. Butcher, Acting Chief  
Operating Reactors Branch #3  
Division of Licensing

DISTRIBUTION

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Orders

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PKreutzer    RLee    EButcher    RIngram

6/11/85    / /85    6/13/85    6/11/85  
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GVising    Stolz    Lains    GLainas    HThompson  
6/11/85    6/11/85    6/11/85    / /85

ORB#5\*  
JZwolinski  
6/12/85

Mr. John M. Griffin  
Arkansas Power & Light Company

Arkansas Nuclear One  
Unit Nos. 1 and 2

Mr. J. Ted Enos, Manager, Licensing  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Honorable Ermil Grant  
Acting County Judge of Pope County  
Pope County Courthouse  
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Office of Executive Director for  
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Russellville, Arkansas 72801

Mr. Frank Wilson, Director  
Division of Environmental Health  
Protection  
Arkansas Department of Health  
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Little Rock, Arkansas 72201

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 220  
7910 Woodmont Avenue  
Bethesda, MD 20814

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 MODIFYING LICENSE CONFIRMING ADDITIONAL LICENSEE COMMITMENT  
ON EMERGENCY RESPONSE CAPABILITY

I.

Arkansas Power and Light Company (AP&L or the licensee) is the holder of Facility Operating License No. DPR-51 which authorizes the operation of Arkansas Nuclear One, Unit No. 1 (the facility) at steady-state power levels not in excess of 2568 megawatts thermal. The facility is a pressurized water reactor (PWR) located at the licensee's site in Pope County, Arkansas.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these

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requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modification, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

### III.

AP&L responded to Generic Letter 82-33 by letter dated April 15, 1983. In this submittal, AP&L made commitments to complete the basic requirements. AP&L's commitments included (1) dates for providing required submittals to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements.

The NRC staff reviewed AP&L's April 15, 1983 letter and entered into discussions with the licensee regarding schedules for meeting the requirements of Supplement 1 to NUREG-0737. As a result of these discussions, the NRC staff found that these dates were reasonable and achievable dates for meeting the Commission requirements. The NRC staff concluded that the schedule proposed

by the licensee would provide timely upgrading of the licensee's emergency response capability. On June 14, 1984, the NRC issued "Order Confirming Licensee Commitments on Emergency Response Capability" which confirmed AP&L's commitments.

#### IV.

The June 14, 1984, Order stated that for those requirements for which AP&L committed to a schedule for providing implementation dates, those dates would be reviewed, negotiated and confirmed by a subsequent order. In conformance with the milestones in the June 14, 1984 Order, AP&L's letter dated June 25, 1984, provided a completion schedule for the following requirement:

- |   |  |
|---|--|
| 3. Regulatory Guide 1.97 -<br>Application to Emergency Response<br>Facilities | 3b. Implement (installation or<br>upgrade) requirements. |
|---|--|

The attached Table summarizing AP&L's schedular commitment for the above item was developed by the NRC staff from the information provided by AP&L. The staff reviewed AP&L's June 25, 1984 letter and discussed the implementation date with the licensee.

As a result of this discussion, the NRC staff finds that the implementation date is a reasonable and achievable date for meeting the Commission requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of AP&L's commitments is required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

V.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR 2.204 and 10 CFR Part 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT License DPR-51 is modified to provide that the licensee shall:

Implement the specific item described in the Attachment to this ORDER in the manner described in AP&L's submittal noted in Section IV herein no later than the date in the Attachment.

Extension of time for completing this item may be granted by the Director, Division of Licensing, for good cause shown.

VI.

The licensee or any other person with an adversely affected interest may request a hearing on this Order within 20 days of the date of publication of this Order in the FEDERAL REGISTER. Any request for a hearing should be addressed to the Director, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555. A copy should be sent to the Executive Legal Director at the same address. A REQUEST FOR HEARING SHALL NOT STAY THE IMMEDIATE EFFECTIVENESS OF THIS ORDER.


If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section V of this Order.



This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION



*for* Hugh L. Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Dated in Bethesda, Maryland  
this 19th day of July 1985.

Attachment:  
Licensee's Additional Commitment  
on Requirements Specified in  
Supplement 1 to NUREG-0737

ARKANSAS NUCLEAR ONE, UNIT NO. 1

LICENSEE'S ADDITIONAL COMMITMENTS ON SUPPLEMENT 1 TO NUREG-0737

TITLE	REQUIREMENTS	LICENSEE'S COMPLETION SCHEDULE (OR STATUS)
8. Regulatory Guide 1.97 - Application to Emergency Response Facilities	3b. Implement (installation or upgrade) requirements	During the seventh refueling outage (estimated to end March 1986)

UNITED STATES OF AMERICA  
NUCLEAR REGULATORY COMMISSION

In the Matter of	}	
ARKANSAS POWER AND LIGHT COMPANY	}	Docket No. 50-368
(Arkansas Nuclear One, Unit No. 2)	}	

ORDER MODIFYING LICENSE CONFIRMING ADDITIONAL LICENSEE COMMITMENT  
ON EMERGENCY RESPONSE CAPABILITY

I.

Arkansas Power and Light Company (AP&L or the licensee) is the holder of Facility Operating License No. NPF-6 which authorizes the operation of Arkansas Nuclear One, Unit No. 2 (the facility), at steady-state power levels not in excess of 2815 megawatts thermal. The facility is a pressurized water reactor (PWR) located at the licensee's site in Pope County, Arkansas.

II.

Following the accident at Three Mile Island Unit No. 2 (TMI-2) on March 28, 1979, the Nuclear Regulatory Commission (NRC) staff developed a number of proposed requirements to be implemented on operating reactors and on plants under construction. These requirements include Operational Safety, Siting and Design, and Emergency Preparedness and are intended to provide substantial additional protection in the operation of nuclear facilities and significant upgrading of emergency response capability based on the experience from the accident at TMI-2 and the official studies and investigations of the accident. The requirements are set forth in NUREG-0737, "Clarification of TMI Action Plan Requirements," and in Supplement 1 to NUREG-0737, "Requirements for Emergency Response Capability." Among these

requirements are a number of items consisting of emergency response facility operability, emergency procedure implementation, addition of instrumentation, possible control room design modification, and specific information to be submitted.

On December 17, 1982, a letter (Generic Letter 82-33) was sent to all licensees of operating reactors, applicants for operating licenses, and holders of construction permits enclosing Supplement 1 to NUREG-0737. In this letter, operating reactor licensees and holders of construction permits were requested to furnish the following information, pursuant to 10 CFR 50.54(f), no later than April 15, 1983:

- (1) A proposed schedule for completing each of the basic requirements for the items identified in Supplement 1 to NUREG-0737, and
- (2) A description of plans for phased implementation and integration of emergency response activities including training.

### III.

AP&L responded to Generic Letter 82-33 by letter dated April 15, 1983. In this submittal, AP&L made commitments to complete the basic requirements. AP&L's commitments included (1) dates for providing required submittals to the NRC, (2) dates for implementing certain requirements, and (3) a schedule for providing implementation dates for other requirements.

The NRC staff reviewed AP&L's April 15, 1983 letter and entered into discussions with the licensee regarding schedules for meeting the requirements of Supplement 1 to NUREG-0737. As a result of these discussions, the NRC staff found that the proposed dates were reasonable and achievable dates for meeting the Commission requirements. The NRC staff concluded that the schedule

proposed by the licensee would provide timely upgrading of the licensee's emergency response capability. On June 14, 1984, the NRC issued "Order Confirming Licensee Commitments on Emergency Response Capability" which confirmed AP&L's commitments.

IV.

The June 14, 1984, Order stated that, for those requirements for which AP&L committed to a schedule for providing implementation dates, those dates would be reviewed, negotiated and confirmed by a subsequent order. In conformance with the milestones in the June 14, 1984 Order, AP&L's letter dated April 13, 1984 and as supplemented by letter dated November 9, 1984 provided a completion schedule for the following requirement:

- |   |  |
|---|--|
| 3. Regulatory Guide 1.97 -<br>Application to Emergency Response<br>Facilities | 3b. Implement (installation or<br>upgrade) requirements. |
|---|--|

The attached Table summarizing AP&L's schedular commitment for the above item was developed by the NRC staff from the information provided by AP&L. The staff reviewed AP&L's April 13 and November 9, 1984 letters and discussed the implementation date with the licensee.

As a result of this discussion, the NRC staff finds that the implementation date is a reasonable and achievable date for meeting the Commission requirements. The NRC staff concludes that the schedule proposed by the licensee will provide timely upgrading of the licensee's emergency response capability.

In view of the foregoing, I have determined that the implementation of AP&L's commitment is required in the interest of the public health and safety and should, therefore, be confirmed by an immediately effective Order.

V.

Accordingly, pursuant to Sections 103, 161i, 161o and 182 of the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR 2.204 and 10 CFR Part 50, IT IS HEREBY ORDERED, EFFECTIVE IMMEDIATELY, THAT License NPF-6 is modified to provide that the licensee shall:

Implement the specific item described in the Attachment to this ORDER in the manner described in AP&L's submittals noted in Section IV herein no later than the date in the Attachment.

Extension of time for completing this item may be granted by the Director, Division of Licensing, for good cause shown.

VI.

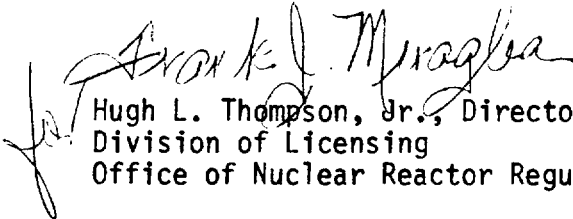
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If a hearing is to be held, the Commission will issue an Order designating the time and place of any such hearing.

If a hearing is held concerning this Order, the issue to be considered at the hearing shall be whether the licensee should comply with the requirements set forth in Section V of this Order.

This Order is effective upon issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Hugh L. Thompson, Jr., Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Dated in Bethesda, Maryland  
this 19th day of July 1985.

Attachment:  
Licensee's Additional Commitment  
on Requirements Specified in  
Supplement 1 to NUREG-0737