

MAY 21 1974

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Docket No. 50-313

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

Gentlemen:

The Atomic Energy Commission has issued Facility Operating License No. DPR-51 to the Arkansas Power and Light Company for Arkansas Nuclear One, Unit 1. This license authorizes Arkansas Power and Light Company to operate Arkansas Nuclear One, Unit 1, at 2568 megawatts thermal in accordance with the Technical Specifications, Appendices A and B to this license.

The license, complete with Technical Specifications and the related notice, which has been forwarded to the Office of the Federal Register for publication, are enclosed.

Two signed copies of Amendment No. 2 to the Indemnity Agreement No. B-65 which covers the activities authorized under License No. DPR-51, are enclosed for your review and acceptance. Please sign and return a copy of the agreement to this office.

Sincerely,

Original Signed By
A. Schwencer

A. Schwencer, Chief
Light Water Reactors Br. 2-3
Directorate of Licensing

Enclosures:

1. Operating License No. DPR-51
with Technical Specifications
2. Federal Register Notice
3. Indemnity Agreement No. B-65

LB
L: C/LWR 2-3
ASchwencer
5/16/74

OFFICE	Amendment No. 2	LWR 2-3	OGC	AI	L:AD/EP	RO
cc:	See next page	RMB	Massar	Don't	DMuller	by report
SURNAME	EIGoulbourne	RMBernero				
DATE	5/16/74	5/16/74	5/16/74	5/16/74	5/17/74	5/21/74

J. D. Phillips

- 2 -

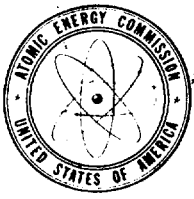
MAY 21 1974

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

Honorable Wayne Nordin
Acting County Judge of Pope County
Pope County Courthouse
Russellville, Arkansas 72801

Mr. E. F. Wilson, Director
Bureau of Environmental
Health Services
4815 West Markham Street
Little Rock, Arkansas 72201

OFFICE ▶						
SURNAME ▶						
DATE ▶						



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

ARKANSAS POWER AND LIGHT COMPANY

(Arkansas Nuclear One, Unit 1)

DOCKET NO. 50-313

FACILITY OPERATING LICENSE

License No. DPR-51

1. The Atomic Energy Commission (the Commission) having found that:
 - a. The application for license filed by the Arkansas Power and Light Company (the licensee) complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations set forth in 10 CFR Chapter I and all required notifications to other agencies or bodies have been duly made;
 - b. Construction of Arkansas Nuclear One, Unit 1 (the facility) has been substantially completed in conformity with Construction Permit No. CPPR-57, and the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - c. The facility will operate in conformity with the application, as amended, the provisions of the Act, and the rules and regulations of the Commission;
 - d. There is reasonable assurance: (i) that the activities authorized by this operating license can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the rules and regulations of the Commission;
 - e. The licensee is technically and financially qualified to engage in the activities authorized by this operating license in accordance with the rules and regulations of the Commission;
 - f. The licensee has satisfied the applicable provisions of 10 CFR Part 140, "Financial Protection Requirements and Indemnity Agreements," of the Commission's regulations;
 - g. The issuance of this operating license will not be inimical to the common defense and security or to the health and safety of the public;
 - h. After weighing the environmental, economic, technical, and other benefits of the facility against environmental costs and considering available alternatives, the issuance of Facility Operating License No. DPR-51 is in accordance with 10 CFR Part 50, Appendix D, of the Commission's regulations and all applicable requirements of said Appendix D have been satisfied; and

- i. The receipt, possession, and use of source, byproduct and special nuclear material as authorized by this license will be in accordance with the Commission's regulations in 10 CFR Parts 30, 40 and 70, including 10 CFR Section 30.33, 40.32, 70.23 and 70.31.
2. Facility Operating License No. DPR-51 is hereby issued to the Arkansas Power and Light Company to read as follows:
 - a. This license applies to Arkansas Nuclear One, Unit 1, a pressurized water reactor and associated equipment (the facility), owned by the Arkansas Power and Light Company. The facility is located in Pope County, Arkansas and is described in the "Final Safety Analysis Report" as supplemented and amended (Amendments 1 through 45) and the Environmental Report as supplemented and amended (Supplements 1 through 5).
 - b. Subject to the conditions and requirements incorporated herein, the Commission hereby licenses Arkansas Power and Light Company:
 - (1) Pursuant to Section 104b of the Act and 10 CFR Part 50, "Licensing of Production and Utilization Facilities," to possess, use, and operate the facility at the designated location in Pope County, Arkansas in accordance with the procedures and limitations set forth in this license;
 - (2) Pursuant to the Act and 10 CFR Parts 30, 40 and 70 to receive, possess and use at any time any byproduct, source and special nuclear material as reactor fuel, sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required for reactor operation;
 - (3) Pursuant to the Act and 10 CFR Part 30 to receive, possess and use at any time 100 millicuries each of any byproduct material without restriction to chemical or physical form, for sample analysis or instrument calibration;
 - (4) Pursuant to the Act and 10 CFR Parts 40 and 70 to receive, possess and use at any time 100 milligrams each of any source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration;
 - (5) Pursuant to the Act and 10 CFR Parts 30 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.
 - c. This license shall be deemed to contain and is subject to the conditions specified in the following Commission regulations in 10 CFR Chapter I: Part 20, Section 30.34 of Part 30, Section 40.41 of Part 40, Sections 50.54 and 50.59 of Part 50, and Section 70.32 of Part 70; is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

The licensee is authorized to operate the facility at steady state reactor core power levels not in excess of 2568 megawatts thermal.

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B attached hereto are hereby incorporated in this license. The licensee shall operate the facility in accordance with the Technical Specifications.

- d. This license is effective as of the date of issuance and shall expire at midnight, December 6, 2008.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
A. Giambusso

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

Attachment:
Appendices A and B - Technical
Specifications

Date of Issuance: MAY 21 1974

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-313

ARKANSAS POWER AND LIGHT COMPANY
(Arkansas Nuclear One, Unit 1)

NOTICE OF ISSUANCE OF A FACILITY OPERATING LICENSE

Notice is hereby given that the Atomic Energy Commission (the Commission) has issued Facility Operating License No. DPR-51 to Arkansas Power and Light Company authorizing operation of Arkansas Nuclear One, Unit 1 at steady state reactor core power levels not in excess of 2568 megawatts thermal, in accordance with the provisions of the license and the Technical Specifications. Arkansas Nuclear One, Unit 1 is a pressurized water nuclear reactor located in Pope County, Arkansas.

The Commission has made appropriate findings as required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license. The application for the license complies with the standards and requirements of the Act and the Commission's rules and regulations.

The license is effective as of its date of issuance and shall expire on December 6, 2008.

A copy of (1) Facility Operating License No. DPR-51, complete with Technical Specifications (Appendices "A" and "B"); (2) the report of the Advisory Committee on Reactor Safeguards, dated August 14, 1973; (3) the Directorate of Licensing's Safety Evaluation dated June 6, 1973; (4) the Final Safety Analysis Report and amendments thereto; (5) the applicant's Environmental Report dated April 23, 1971 and supplements thereto; (6) the Draft Environmental Statement dated October 27, 1972; and (7) the Final

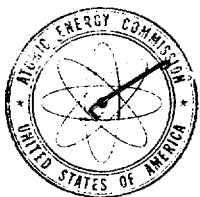
Environmental Statement dated February 9, 1973, are available for public inspection at the Commission's Public Document Room at 1717 H Street, N. W., Washington, D. C. and the Arkansas Polytechnic College, Russellville, Arkansas 72801. A copy of the license and the Safety Evaluation may be obtained upon request addressed to the United States Atomic Energy Commission, Washington, D. C. 20545, Attention: Deputy Director for Reactor Projects, Directorate of Licensing.

Dated at Bethesda, Maryland, this 21 day of MAY 1974.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed By
A. Schwencer

A. Schwencer, Chief
Light Water Reactors Branch 2-3
Directorate of Licensing



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

Docket Nos. 50-313
50-368

AMENDMENT TO INDEMNITY AGREEMENT NO. B-65

AMENDMENT NO. 2

Effective MAY 21 1974, Indemnity Agreement No. B-65, between Arkansas Power and Light Company and the Atomic Energy Commission, dated November 8, 1972, as amended, is hereby further amended as follows:

Item 2a of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

Item 2 - Amount of financial protection

- a. \$1,000,000 (From 12:01 a.m., November 8, 1972, to 12:00 midnight, MAY 20 1974, inclusive)
\$110,000,000 (From 12:01 a.m., MAY 21 1974)

Item 3 of the Attachment to the indemnity agreement is deleted in its entirety and the following substituted therefor:

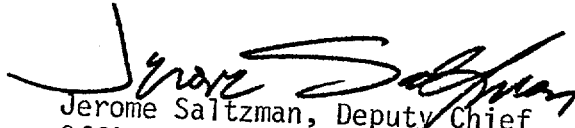
Item 3 - License number or numbers

- SNM-1321 (From 12:01 a.m., November 8, 1972, to 12:00 midnight, MAY 20 1974, inclusive)
DPR-51 (From 12:01 a.m., MAY 21 1974)

Item 5 of the Attachment to the indemnity agreement is amended by adding the following:

Nuclear Energy Liability Policy (Facility Form) No. MF-74
issued by Mutual Atomic Energy Liability Underwriters.

FOR THE UNITED STATES ATOMIC ENERGY COMMISSION


Jerome Saltzman, Deputy Chief
Office of Antitrust & Indemnity
Directorate of Licensing

Accepted _____, 1974

By _____
ARKANSAS POWER AND LIGHT COMPANY

Docket Nos. 50-313
50-368

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DPR-51 (From 12:01 a.m., MAY 21 1974)

Item 5 of the Attachment to the indemnity agreement is amended by adding the following:

OFFICE						
SURNAME						
DATE						

LB

Nuclear Energy Liability Policy (Facility Form) No. MF-74
issued by Mutual Atomic Energy Liability Underwriters.


FOR THE UNITED STATES ATOMIC ENERGY COMMISSION

Signed, Jerome D. Saltzman

Jerome Saltzman, Deputy Chief
Office of Antitrust & Indemnity
Directorate of Licensing

Accepted _____, 1974

By ARKANSAS POWER AND LIGHT COMPANY

Distribution:
Docket Files 
Licensee (2 orig)
PDR
RO
OGC
Div. Of Labor Relations
OAI Reading
IDinitz Reading
Desk
Indemnity

OFFICE ➤	L:OAI	L:OAI				
SURNAME ➤	IDINITZ:cd	JSALTZMAN				
DATE ➤	5/17/74	5/17/74				