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FEBRUARY 23 1979

Dockets Nos.: 50-313  
and 50-368

NRC PDR  
L PDR (2)  
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HRDenton  
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~~XXXXXXXXXX~~

*J. Stolz*  
*L. Engle*  
*LW12#4 LA*

Mr. William Cavanaugh, III  
Executive Director, Generation  
and Construction Department  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Cy#3-I&E H/Q-Cy#5-Reg.w/encls. 1-3 (6)  
BJones (8)  
BScharf (10).  
STSG  
BHarless  
DEisenhut  
ACRS (16) Cy#4w/encls. 1-3  
OPA, CMiles

Dear Mr. Cavanaugh:

The Commission has issued the enclosed Amendments Nos. *10* and *8* to Facility Operating Licenses Nos. DPR-51 and NPF-6 for the Arkansas Nuclear One, Units Nos. 1 and 2, respectively, in response to your submittal of January 11, 1979.

The amendments incorporate the "Arkansas Nuclear One Industrial Security Plan, January 11, 1979," into Licenses Nos. DPR-51 and NPF-6 effective February 23, 1979. This has been discussed with and agreed to by your staff.

We have completed our review and evaluation of your physical security plan and have concluded that the physical security plan for your facility, when fully implemented, will provide the protection needed to meet the general performance requirements of 10 CFR 73.55(a) and the objectives of the specific requirements of 10 CFR 73.55, paragraphs (b) through (h), without impairing your ability to safely operate your facility. We therefore further conclude that the plan is acceptable.

The enclosed Security Plan Evaluation Report (SPER) represents our evaluation and acceptance of your physical security plan. The SPER is being withheld from public disclosure pursuant to 10 CFR 2.790(d).

When all aspects of your approved plan have been implemented, on or before February 23, 1979, we request that you notify both the Office of Inspection and Enforcement and the Office of Nuclear Reactor Regulation, at which time a compliance inspection will be scheduled by the Office of Inspection and Enforcement.

*CP 1*  
*(see Security Plans for #2)*

*7903280024*

*60*

OFFICE >						
SURNAME >						
DATE >						

Changes which would not decrease the effectiveness of your approved security plan may be made without approval by the Commission pursuant to the authority of 10 CFR 50.54(p). A report containing a description of each change shall be furnished to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, with a copy to the appropriate NRC Regional Office within two months after the change is made. Records of changes made without Commission approval shall be maintained for a period of two years from the date of the change.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendments. We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

The amendments do not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. They do not involve a significant increase in the probability or consequences of an accident, do not involve a significant decrease in a safety margin, and therefore do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors

Enclosures:

1. Amendment No. 4 to DPR-51
2. Amendment No. 8 to NPR-6
3. Security Plan Evaluation Report (PROP.) - Cy #6
4. Notice

Original signed by

John F. Stolz, Chief  
Light Water Reactors Branch #1  
Division of Project Management

*John F. Stolz*  
AD-E&P:DOR  
BGrimes  
2/23/79

OFFICE	cc w/enclosures 1, 2 and 4 only: See next page	ORB#4:DOR	ORB#4:DOR	C-ORB#4:DOR	C-LWR#1:DPM
SURNAME		GV King	B Reid	J Stolz	
DATE		2/25/79	2/23/79	2/23/79	2/23/79

Changes which would not decrease the effectiveness of your approved security plan may be made without approval by the Commission pursuant to the authority of 10 CFR 50.54(p). A report containing a description of each change shall be furnished to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, with a copy to the appropriate NRC Regional Office within two months after the change is made. Records of changes made without Commission approval shall be maintained for a period of two years from the date of the change.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendments. We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded, that the amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

The amendments do not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. They do not involve a significant increase in the probability or consequences of an accident, do not involve a significant decrease in a safety margin, and therefore do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the Notice of Issuance is also enclosed.

Sincerely,  
Original signed by  
Robert W. Reid

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors

Enclosures:

1. Amendment No. to DPR-51
2. Amendment No. to NPR-6
3. Security Plan Evaluation Report (PROP.) - Cy #6
4. Notice

John F. Stolz, Chief  
Light Water Reactors Branch #1  
Division of Project Management

AD-E&P:DOR  
BGrimes

2/ 179

OFFICE	cc w/enclosures 1, 2 and 4 only: ORB#4:DOR OELD	C-ORB#4:DOR	C-LWR#1:DPM
SURNAME	See next page ORB#4:DOR RIngram	GVising RReid	JStolz
DATE	2/ 179	2/ 179	2/ 179



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

February 23, 1979

Dockets Nos.: 50-313  
and 50-368

Mr. William Cavanaugh, III  
Executive Director, Generation  
and Construction Department  
Arkansas Power & Light Company  
P. O. Box 551  
Little Rock, Arkansas 72203

Dear Mr. Cavanaugh:

The Commission has issued the enclosed Amendments Nos. 40 and 8 to Facility Operating Licenses Nos. DPR-51 and NPF-6 for the Arkansas Nuclear One, Units Nos. 1 and 2, respectively, in response to your submittal of January 11, 1979.

The amendments incorporate the "Arkansas Nuclear One Industrial Security Plan, January 11, 1979," into Licenses Nos. DPR-51 and NPF-6 effective February 23, 1979. This has been discussed with and agreed to by your staff.

We have completed our review and evaluation of your physical security plan and have concluded that the physical security plan for your facility, when fully implemented, will provide the protection needed to meet the general performance requirements of 10 CFR 73.55(a) and the objectives of the specific requirements of 10 CFR 73.55, paragraphs (b) through (h), without impairing your ability to safely operate your facility. We therefore further conclude that the plan is acceptable.

The enclosed Security Plan Evaluation Report (SPER) represents our evaluation and acceptance of your physical security plan. The SPER is being withheld from public disclosure pursuant to 10 CFR 2.790(d).

When all aspects of your approved plan have been implemented, on or before February 23, 1979, we request that you notify both the Office of Inspection and Enforcement and the Office of Nuclear Reactor Regulation, at which time a compliance inspection will be scheduled by the Office of Inspection and Enforcement.

Changes which would not decrease the effectiveness of your approved security plan may be made without approval by the Commission pursuant to the authority of 10 CFR 50.54(p). A report containing a description of each change shall be furnished to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, with a copy to the appropriate NRC Regional Office within two months after the change is made. Records of changes made without Commission approval shall be maintained for a period of two years from the date of the change.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendments. We have determined that the amendments do not authorize a change in effluent types or total amounts nor an increase in power level, and will not result in any significant environmental impact. Having made this determination, we have further concluded that the amendments involve an action which is insignificant from the standpoint of environmental impact and pursuant to 10 CFR §51.5(d)(4) that an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with the issuance of these amendments.

The amendments do not involve significant new safety information of a type not considered by a previous Commission safety review of the facility. They do not involve a significant increase in the probability or consequences of an accident, do not involve a significant decrease in a safety margin, and therefore do not involve a significant hazards consideration. We have also concluded that there is reasonable assurance that the health and safety of the public will not be endangered by this action.

A copy of the Notice of Issuance is also enclosed.

Sincerely,

*Morton B. Fairchild for*

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors

Enclosures:

1. Amendment No. 40 to DPR-51
2. Amendment No. 8 to NPF-6
3. Security Plan Evaluation Report (PROP.) - Cy #6
4. Notice

*John F. Stolz*  
John F. Stolz, Chief  
Light Water Reactors Branch #1  
Division of Project Management

cc w/enclosures 1, 2 and 4 only:  
See next page

Arkansas Power & Light Company

cc w/enclosure(s):  
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1550 Tower Building  
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Mr. Daniel H. Williams  
Manager, Licensing  
Arkansas Power & Light Company  
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Little Rock, Arkansas 72203

Mr. John W. Anderson, Jr.  
Plant Superintendent  
Arkansas Nuclear One  
Post Office Box 608  
Russellville, Arkansas 72801

Arkansas Polytechnic College  
Russellville, Arkansas 72801

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

Chief, Energy Systems Analyses  
Branch (AI-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

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Tom Westerman  
P. O. Box 2090  
Russelville, Arkansas 72801

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 420, 7735 Old Georgetown Road  
Bethesda, Maryland 20014

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



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

ARKANSAS POWER & LIGHT COMPANY

DOCKET NO. 50-313

ARKANSAS NUCLEAR ONE, UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 40  
License No. DPR-51

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The filing by Arkansas Power & Light Company (the licensee) dated January 11, 1979, 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;
  - B. The facility will operate in conformity with the licensee's filing, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

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2. Accordingly, Facility Operating License No. DPR-51 is hereby amended by adding paragraph 2.c.(4) to read as follows:

(4) Security Plan

The licensee shall maintain in effect and fully implement all provisions of the Commission-approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p). The approved security plan consists of a document, withheld from public disclosure pursuant to 10 CFR 2.790(d), titled "Arkansas Nuclear One Industrial Security Plan, January 11, 1979".

3. This license amendment becomes effective on February 23, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION

*Morton B. Fairclough*

Robert W. Reid, Chief  
Operating Reactors Branch #4  
Division of Operating Reactors

Date of Issuance: February 23, 1979

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

ARKANSAS POWER & LIGHT COMPANY

DOCKET NO. 50-368

ARKANSAS NUCLEAR ONE, UNIT NO. 2

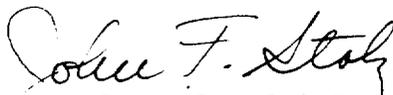
AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 8  
License No. NPF-6

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The filing by Arkansas Power & Light Company (the licensee) dated January 11, 1979, 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;
  - B. The facility will operate in conformity with the licensee's filing, the provisions of the Act, and the rules and regulations of the Commission;
  - C. There is reasonable assurance (i) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (ii) that such activities will be conducted in compliance with the Commission's regulations;
  - D. The issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.

2. Accordingly, paragraph 2.D. of Facility Operating License No. NPF-6 is hereby amended to read as follows:
  - D. Arkansas Power and Light Company shall maintain in effect and fully implement all provisions of the Commission-approved physical security plan, including amendments and changes made pursuant to the authority of 10 CFR 50.54(p). The approved security plan consists of a document, withheld from public disclosure pursuant to 10 CFR 2.790(d), titled "Arkansas Nuclear One Industrial Security Plan, January 11, 1979".
3. This license amendment becomes effective on February 23, 1979.

FOR THE NUCLEAR REGULATORY COMMISSION



John F. Stolz, Chief  
Light Water Reactors Branch #1  
Division of Project Management

Date of Issuance: February 23, 1979

UNITED STATES NUCLEAR REGULATORY COMMISSION  
DOCKETS NOS. 50-313 AND 50-368  
ARKANSAS POWER & LIGHT COMPANY  
NOTICE OF ISSUANCE OF AMENDMENTS TO FACILITY  
OPERATING LICENSES

The U. S. Nuclear Regulatory Commission (the Commission) has issued Amendments Nos. 40 and 8 to Facility Operating Licenses Nos. DPR-51 and NPF-6, issued to Arkansas Power & Light Company (the licensee), which revised the licenses for operation of Arkansas Nuclear One, Units Nos. 1 and 2 (ANO-1&2) located in Pope County, Arkansas. The amendments become effective on February 23, 1979.

The amendments incorporate the "Arkansas Nuclear One Industrial Security Plan, January 11, 1979" into the licenses.

The licensee's filing complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act), and the Commission's rules and regulations. The Commission has made appropriate findings as required by the Act and the Commission's rules and regulations in 10 CFR Chapter I, which are set forth in the license amendments. Prior public notice of these amendments was not required since the amendments do not involve a significant hazards consideration.

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The Commission has determined that the issuance of these amendments will not result in any significant environmental impact and that pursuant to 10 CFR §51.5(d)(4) an environmental impact statement or negative declaration and environmental impact appraisal need not be prepared in connection with issuance of these amendments.

The licensee's filing dated January 11, 1979, and the Commission's Security Plan Evaluation Report are being withheld from public disclosure pursuant to 10 CFR 2.790(d). The withheld information is subject to disclosure in accordance with the provisions of 10 CFR § 9.12.

For further details with respect to this action, see (1) Amendment No. 40 to License No. DPR-51 and Amendment No. 8 to License No. NPF-6, and (2) the Commission's related letter to the licensee dated FEBRUARY 2<sup>3</sup> 1979. These items are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Arkansas Polytechnic College, Russellville, Arkansas. A copy of items (1) and (2) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Operating Reactors.

FOR THE NUCLEAR REGULATORY COMMISSION

*Morton B. Fairtile*

Morton B. Fairtile, Acting Chief  
Operating Reactors Branch #4  
Division of Operating Reactors