



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

ARKANSAS POWER & LIGHT COMPANY

(RUSSELLVILLE NUCLEAR UNIT)

DOCKET NO. 50-313

PROVISIONAL CONSTRUCTION PERMIT

Construction Permit No. CPPR-57

1. Pursuant to § 104 b. of the Atomic Energy Act of 1954, as amended (the Act), and Title 10, Chapter 1, Code of Federal Regulations, Part 50, "Licensing of Production and Utilization Facilities", and pursuant to the order of the Atomic Safety and Licensing Board, the Atomic Energy Commission (the Commission) hereby issues a provisional construction permit to Arkansas Power & Light Company (the applicant) for a utilization facility (the facility), designed to operate at 2452 megawatts (thermal) described in the application and amendments thereto (the application) filed in this matter by the applicant and as more fully described in the evidence received at the public hearing upon that application. The facility, known as Russellville Nuclear Unit, will be located at the applicant's Pope County, Arkansas site on a peninsula in Dardanelle Reservoir on the Arkansas River about six miles west northwest from Russellville, Arkansas, and about two miles southeast from London, Arkansas.
2. This permit shall be deemed to contain and be subject to the conditions specified in §§50.54 and 50.55 of said regulations; is subject to all applicable provisions of the Act, and rules, regulations and orders of the Commission now or hereafter in effect; and is subject to the conditions specified or incorporated below:
 - A. The earliest date for the completion of the facility is February 1, 1972, and the latest date for completion of the facility is July 1, 1972.
 - B. The facility shall be constructed and located at the site as described in the application on a peninsula in Dardanelle Reservoir on the Arkansas River in Pope County, Arkansas.
 - C. This construction permit authorizes the applicant to construct the facility described in the application and the hearing record in accordance with the principal architectural and engineering criteria set forth therein.

8004180603

3. This permit is provisional to the extent that a license authorizing operation of the facility will not be issued by the Commission unless (a) the applicant submits to the Commission, by amendment to the application, the complete final safety analysis report, portions of which may be submitted and evaluated from time to time; (b) the Commission finds that the final design provides reasonable assurance that the health and safety of the public will not be endangered by the operation of the facility in accordance with procedures approved by it in connection with the issuance of said license; and (c) the applicant submits proof of financial protection and the execution of an indemnity agreement as required by § 170 of the Act.

FOR THE ATOMIC ENERGY COMMISSION

Original Signed by
Peter A. Morris

Peter A. Morris, Director
Division of Reactor Licensing

Date of Issuance: DEC 6 1968

REACTOR DATA INPUT FORM

#3883
REACTORS

A. IDENTIFYING & DESCRIPTIVE DATA

01. PROGRAM CODE 211	12. PROJ. NO.	03. DOCKET NO. 50-313	09. TASK NO.	10. TYPE OF REACTOR Pressurized-Water	11. CLASS OF REACTOR 104(b)
APPLICANT Arkansas Power & Light Co.					19. NAME OF REACTOR Russelville
STREET-BUILDING Ninth and Louisiana Streets			POWER LEVEL		
24. CITY Little Rock			27. STATE ARK		
30. ZIP 72203					
TYPE		UNIT	REQUESTED	DESIGN	AUTHORIZED
ELEC.		65.	66. 825	67. 880	68.
THER.		69. MW	70. 2452	71. 2568	72.

B. ACTION DATA

BASIC PROCESSING STAGES

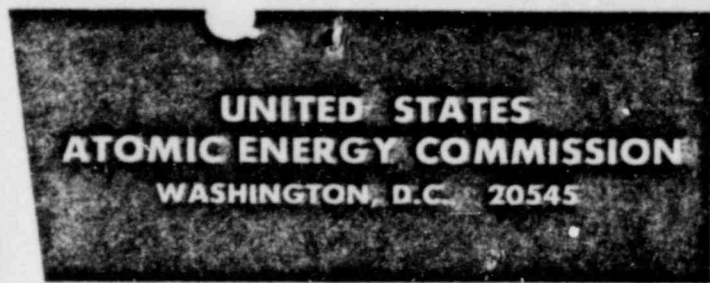
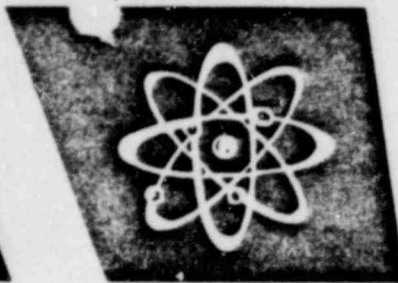
PRE-APPLICATION CONSIDERATION	ACTIV. CD.	74. FIRST ACTION			75. END ACTION (DATE APPL. CONSID.)				
	31	YR.	MO.	DAY	YR.	MO.	DAY		
PROCESSING APPLICA. FOR CONSTRUCTION	35	APPLIC. REC. NO.			CONSTRUCTION PER. ISSUED			78. LATEST COMPL. DATE	
		33. YR.	MO.	DAY	76. YR.	MO.	DAY		
PROCESSING OPERATING AUTHORITY	PROVIS- IONAL	36	STARTED			PROV. OP. AUTHORITY ISSUED			39. EXPIRATION DATE
			80. YR.	MO.	DAY	81. YR.	MO.	DAY	
	FULL TERM	38	STARTED			FULL TERM AUTH. ISSUED			
			84. YR.	MO.	DAY	85. YR.	MO.	DAY	

SUPPLEMENTARY ACTION

86. TASK NO. (SAME AS FIELD 09)	87. DATE SUPPLE. REQUEST REC'D.	YR.	MO.	DAY	88. bbb	89. DATE SUPPLEMENTARY REQUEST (TASK COMPLETED)	YR.	MO.	DAY
42. PURPOSE OF REQUEST (TASK)					54. RESULT OF TASK (AM. NO., CHANGE NO., ETC.)				

C. STATISTICS

TYPE OF ACTION REQUESTED AND TAKEN		48. REQ.	51. TAK.	52. VOID INPUT ENTERED UNDER CODES IN FIELDS 01, 03 OR 12, AND 09 AS RECORDED ABOVE AND ACTIVITY CODE _____
A	REACTOR CONCEPT REVIEW			53. CONSOLIDATE INPUT ENTERED UNDER CODES IN FIELDS 01, 03 OR 12, AND 09 AS RECORDED ABOVE AND ACTIVITY CODE _____ WITH PROG. _____ PROJ. _____ TASK _____ ACT. _____
B	PRELIMINARY SITE REVIEW			
C	PRECONSTRUCTION STAGE REVIEW			
D	CONSTRUCTION PERMIT (C.P. REVIEW)			
E	AUTHORITY TO OPERATE (OP. STAGE REVIEW)			
F	AUTHORITY TO POSSESS ONLY			
G	AMENDMENT TO CONSTRUCTION PERMIT			
H	AMENDMENT TO OPERATING LICENSE			
I	CHANGE TO TECHNICAL SPECIFICATIONS			
J	EXEMPTION			
K	CONSTRUCTION PERMIT EXTENSION			
L	OPERATING LICENSE (OR AUTHORITY) EXTENSION			
M	DRL ORDER			
N	SPECIAL AUTHORITY			
T	LICENSE (OR AUTHORITY) TERMINATED OR EXPIRED			
	OTHER (EXPLAIN)			



No. L-278
 Tel. 973-3335 or
 973-3446

FOR IMMEDIATE RELEASE *H. J. ...*
 (Friday, December 6, 1968) *W. J. ...*
 50-317

PERMIT ISSUED FOR NUCLEAR POWER PLANT
 NEAR RUSSELLVILLE, ARKANSAS

A permit to build a nuclear power plant near Russellville, Arkansas, has been issued to the Arkansas Power and Light Company by the Atomic Energy Commission's Division of Reactor Licensing.

The company will build its Russellville Nuclear Unit on a peninsula in the Dardanelle Reservoir on the Arkansas River about six miles northwest of Russellville.

The facility will use a pressurized water reactor and will have an output of about 850,000 net electrical kilowatts. Babcock and Wilcox Company will supply the nuclear steam supply system and Westinghouse Electric Corporation the turbine generator. The Bechtel Corporation is the architect-engineer and supervisor of construction for the project.

The total cost of the nuclear power plant and associated facilities, including the first fuel core, is estimated to be \$169,000,000. The company expects to begin commercial operation by December 31, 1972.

Issuance of the permit follows reviews by the AEC Regulatory Staff and the Commission's Advisory Committee on Reactor Safeguards and a public hearing by an Atomic Safety and Licensing Board. The board conducted the hearing on October 30 in Russellville and issued a decision on December 4 authorizing issuance of the permit. The permit and the board's decision are subject to review by the Commission and to any order the Commission may make on or before January 20, 1969.