

tribution:

AEC PDR RO (3) W. Miller, DRA  
 Local PDR N. Dube J. Saltzman, A&E  
Docket File M. Jinks (w/2 encl.) H. Gearin  
 L Reading D. Skovholt S. Miner  
 RP Reading P. Collins H. J. McAlduff, ORO  
 GCR Reading BWR Branch Chiefs H. Mueller, GMR/H  
 OGC C. Hebron, DROA J. A. Harris, IS  
 V. Moore J. Delaney, F&M J. R. Buchanan, ORNL  
 T. W. Laughlin, DTIE  
 N. H. Goodrich, ASLBP  
 F. Karas, SECY

George T. Arnold, ORNL

Docket No. 50-397

MAR 19 1973

Washington Public Power Supply System

ATTN: Mr. J. J. Stein  
 Managing Director  
 301 Fifth Avenue  
 P. O. Box 968  
 Richland, Washington 99352

Gentlemen:

Pursuant to an Initial Decision by the Atomic Safety and Licensing Board, the Atomic Energy Commission has issued Construction Permit No. CPPR-93 (enclosed) to the Washington Public Power Supply System authorizing the construction of the Hanford No. 2 Nuclear Power Plant.

A copy of a related notice, which has been sent to the Office of the Federal Register for filing and publication, is enclosed for your information. A copy of the Board's Initial Decision has already been sent to you.

Sincerely,

Original signed by:  
 Voss A. Moore

Voss A. Moore, Assistant Director  
 for Boiling Water Reactors  
 Directorate of Licensing

Enclosures:

1. Construction Permit No. CPPR-93
2. Federal Register Notice

cc: Richard Q. Quigley, Esq., Counsel  
 Washington Public Power Supply System  
 P. O. Box 968  
 Richland, Washington 99352

Troy B. Conner, Jr., Esq.  
 Joseph B. Knotts, Jr., Esq.  
 James K. Mitchell, Esq.  
 REID & PRIEST  
 1701 K Street, N. W.  
 Washington, D. C. 20006

OFFICE	L:GCR	L:GCR	OGC	L:BWR		LB
SURNAME	HGearin:nb	RAClark		VAMoore		
DATE	3/12/73	3/16/73	3/16/73	3/19/73		

CHECKLIST FOR ISSUANCE OF CONSTRUCTION PERMIT

Applicant Washington Public Power Supply System

Facility Hanford No. 2 Nuclear Power Plant

Project Leader S. Miner

Licensing Assistant Helen Gearin

	<u>Date</u>
Initial Decision or Order	<u>3-15-73</u>
Environmental Review: Final Environmental Statement Published in Federal Register	<u>Dec. 1972</u> <u>12-8-72</u>
Water Quality Certification: Submitted by Applicant Transmitted to EPA	<u>6-7-72</u> <u>12-14-72</u>
Antitrust Review: Attorney General's Advice Published in Federal Register Hearing and/or Decision	<u>2-2-72</u> <u>No Hearing</u>
License Fee: Amount: <u>\$300,000.00</u> Paid	<u>3-6-73</u>
Public Announcement (to be released): (attach copy if available)	<u>day after issuance of C.P.</u>
Issuance Package: OGC Concurrence	
1. Permit (Final Draft CP on 3/12/73)	<u>3-16-73</u>
2. Federal Register Notice	<u>3-16-73</u>
3. Memo to Files on Findings (Inc. in CP) (if uncontested hearing)	<u>--</u>
4. Letter to Applicant	<u>3-16-73</u>
5. Memorandum to Commission	<u>3-16-73</u>

Permit Approved By:



A. Gianbusso, Deputy Director for RP

3/19/73  
(Date)

AEC ISSUES CONSTRUCTION PERMIT FOR  
HANFORD NO. 2 NUCLEAR PLANT IN WASHINGTON

OK by  
March 15, 1973  
OK by  
Clark

The Atomic Energy Commission has issued a construction permit to the Washington Public Power Supply System for construction of the Hanford No. 2 Nuclear Power Plant near Richland, Washington.

The plant, to be located on AEC's Hanford Reservation, will use a boiling water reactor and will have a net electrical capacity of about 1,100,000 kilowatts.

Issuance of the permit follows completion of reviews by the AEC Regulatory Staff and the independent Advisory Committee on Reactor Safeguards and a public hearing conducted by an Atomic Safety and Licensing Board. The Board conducted the hearing on January 26, 1973 in Richland, and issued an *initial* decision March 15, 1973, authorizing issuance of the construction permit.

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

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

(HANFORD NO. 2 NUCLEAR POWER PLANT)

DOCKET NO. 50-397

CONSTRUCTION PERMIT

Construction Permit No. CPPR-93

1. The Atomic Energy Commission (the Commission) having found that:
  - A. The Washington Public Power Supply System (the Applicant) has described the proposed design of the Hanford No. 2 Nuclear Power Plant (the facility), including, but not limited to, the principal architectural and engineering criteria for the design, and has identified the major features or components incorporated therein for the protection of the health and safety of the public;
  - B. Such further technical or design information as may be required to complete the safety analysis, and which can reasonably be left for later consideration, will be supplied in the final safety analysis report;
  - C. Safety features or components, if any, which require research and development have been described by the Applicant and the Applicant has identified, and there will be conducted, a research and development program reasonably designed to resolve any safety questions associated with such features or components;
  - D. On the basis of the foregoing, there is reasonable assurance that (1) such safety questions will be satisfactorily resolved at or before the latest date stated in the application for completion of construction of the proposed facility and (2) taking into consideration the site criteria contained in 10 CFR Part 100, the proposed facility can be constructed and operated at the proposed location without undue risk to the health and safety of the public;

- E. The Applicant is technically qualified to design and construct the proposed facility;
  - F. The Applicant is financially qualified to design and construct the proposed facility;
  - G. The issuance of a permit for the construction of the facility will not be inimical to the common defense and security or to the health and safety of the public; and
  - H. After weighing the environmental, economic, technical and other benefits of the facility against environmental costs and considering available alternatives, the issuance of a construction permit (subject to the conditions for protection of the environment set forth herein) 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.
2. Pursuant to Section 103 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 Initial Decision of the Atomic Safety and Licensing Board, the Commission hereby issues a construction permit to the Applicant for a utilization facility designed to operate at 3323 megawatts thermal, as 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 the Hanford No. 2 Nuclear Power Plant, will be located on a site leased from the Commission within the Commission's Hanford reservation in Benton County, Washington, approximately three miles from the Columbia River and approximately 12 miles north of the City of Richland, Washington.
3. This permit shall be deemed to contain and be subject to the conditions specified in Sections 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 September 1, 1977, and the latest date for completion of the facility is September 1, 1978.

- B. The facility shall be constructed and located at the site as described in the application, in Benton County, Washington.
- C. This construction permit authorizes the Applicant to construct the facility described in the application and in the hearing record, in accordance with the principal architectural and engineering criteria and environmental protection commitments set forth therein.
- D. In view of the fact that the Attorney General has not recommended an antitrust hearing in this matter, that no antitrust issues have been raised by another in a manner according with the Commission's Rules of Practice, and that no finding has been made that an antitrust hearing is otherwise required (10 CFR, Part 2, §2.104(d)), antitrust review of the application for this construction permit under Section 105c of the Atomic Energy Act of 1954, as amended, has been completed and a hearing thereon has been determined to be unnecessary.
- E. By November 30, 1973 the Applicant shall advise the Commission's regulatory staff that it has adopted the resolution required by Washington law for the issuance of bonds and that it has sold bonds in the principal amount of at least \$150,000,000, to partially finance construction of the facility, or show good cause for not adopting said resolution and selling such bonds.
- F. The Applicant shall comply with the following conditions for the protection of the environment:
  - (1) The Applicant shall construct a meteorology tower to provide data for use in assessing potentially adverse environmental effects of a radiological and nonradiological nature resulting from the construction and operation of the facility.
  - (2) The Applicant shall immobilize chemicals discharged to the soil by some means such as earth cover so that residues cannot become airborne.
  - (3) The Applicant shall incorporate three additional river monitoring stations into the radiological monitoring program in order to more clearly discriminate between liquid discharges from the facility and other sources. These monitoring stations are to be located approximately one mile upstream, 500 feet downstream, and approximately one mile downstream of the facility discharge point in the river.

4. This permit is subject to the limitation 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 Section 170 of the Act.

FOR THE ATOMIC ENERGY COMMISSION

*A. Giambusso*

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

Date of Issuance: MAR 19 1973

UNITED STATES ATOMIC ENERGY COMMISSION

DOCKET NO. 50-397

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

(HANFORD NO. 2 NUCLEAR POWER PLANT)

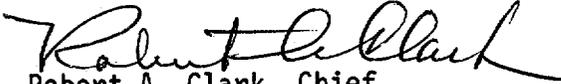
NOTICE OF ISSUANCE OF CONSTRUCTION PERMIT

Notice is hereby given that, pursuant to the Initial Decision of the Atomic Safety and Licensing Board, dated March 15, 1973, the Deputy Director for Reactor Projects has issued Construction Permit No. CPPR-93 to the Washington Public Power Supply System for the construction of a boiling water nuclear reactor on a site leased from the Atomic Energy Commission within the Commission's Hanford reservation in Benton County, Washington. The site is three miles from the Columbia River and approximately 12 miles north of the City of Richland, Washington. The proposed reactor, known as the Hanford No. 2 Nuclear Power Plant, is designed to operate at 3323 megawatts thermal.

A copy of the Initial Decision and a copy of the Construction Permit are on file in the Commission's Public Document Room, 1717 H Street, N.W., Washington, D. C. 20545, and at the Richland Public Library, Swift and Northgate Streets, Richland, Washington 99352.

Dated at Bethesda, Maryland, this 19<sup>th</sup> day of *March* 1973.

FOR THE ATOMIC ENERGY COMMISSION

  
Robert A. Clark, Chief  
Gas Cooled Reactors Branch  
Directorate of Licensing