

AUG 29 1978

Docket No. 50-397

Washington Public Power Supply System
ATTN: Mr. Neil O. Strand
3000 George Washington Way
P. O. Box 968
Richland, Washington 99352

Gentlemen:

SUBJECT: ORDER EXTENDING CONSTRUCTION COMPLETION DATE

In response to your request of December 28, 1976, the Nuclear Regulatory Commission has issued an Order extending the construction completion date for WPPSS Nuclear Plant No. 2. In lieu of the latest completion date of September 1, 1978, as specified previously in Provisional Construction Permit No. CPPR-93, the latest completion date has been extended to December 1, 1981.

A copy of the Order, the staff safety evaluation, the negative declaration, and the environmental impact appraisal are enclosed for your information. The Order and the negative declaration have been transmitted to the Office of the Federal Register for publication.

Sincerely,

Original signed by
Steven A. Varga

Steven A. Varga, Chief
Light Water Reactors Branch 4
Division of Project Management

Enclosures:

1. Order Extending Completion Date
2. Staff Safety Evaluation
3. Negative Declaration
4. Environmental Impact Appraisal

CCS:

Listed on following page

CP 3
GA

OFFICE	LWR 4	LWR 4	OELD	EP	LWR 4
SURNAME	MService:nlg	MDLynch	WDPatton	W...	SAVarga
DATE	8/17/78	8/17/78	8/30/78	8/25/78	8/17/78

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

WPPSS NUCLEAR PLANT NO. 2

DOCKET NO. 50-397

ORDER EXTENDING CONSTRUCTION COMPLETION DATE

Washington Public Power Supply System (WPPSS) is the holder of Provisional Construction Permit No. CPPR-93 issued by the Atomic Energy Commission* on March 19, 1973, for construction of the WPPSS Nuclear Plant No. 2 (formerly Hanford 2) which is presently under construction at the permittee's site in Benton County, Washington.

On December 28, 1976, Washington Public Power Supply System filed a request for an extension of the completion date because construction has been delayed due to:

- (1) A strike from June 1, 1976 to November 15, 1976, and an earlier strike of shorter duration;
- (2) New NRC licensing requirements;
- (3) Poor labor productivity;
- (4) Increased project scope and complexity;
- (5) Additional and more stringent design criteria; and
- (6) Incorporation of modifications required as a result of operating experience at other plants.

This action involves no significant hazards consideration; good cause has been shown for delay; and the extension is for a reasonable period, the bases for which are set forth in an NRC staff evaluation dated AUG 29 1978

OFFICE >						
SURNAME >	Effective January 19, 1975, the Atomic Energy Commission became the Nuclear Regulatory Commission and permits in effect on that day were continued under the authority of the Nuclear Regulatory Commission.					
DATE >						

A negative Declaration and an Environmental Impact Appraisal have been prepared and are available, as are the above stated documents for public inspection at the Commission's Public Document Room, 1717 H Street, NW, Washington, DC 20555, and at the Richland Public Library, Swift and Northgate Streets, Richland, Washington 99353.

IT IS HEREBY ORDERED THAT the latest completion date for Provisional Construction Permit No. CPPR-93 is extended from September 1, 1978, to December 1, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION:

Original Signed by
Roger S. Boyd

~~D. B. Vassallo, Assistant Director
for Light Water Reactors
Division of Project Management~~

R. S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

Date of Issuance:

AUG 29 1978

*Concur with
changes as per
Paton-Davis*

DPM
RSEoyd
8/28/78

OFFICE	LWR	LWR-4	OELD	EP	LWR-4	AD/LWRs
SURNAME	MService:ng	MDLynch	<i>Tourletts</i>	<i>W...</i>	SAarge	DVassallo
DATE	8/15/78	8/18/78	8/23/78	8/25/78	8/27/78	8/ /78

AUG 29 1978

Docket No. 50-397

EVALUATION OF A REQUEST FOR AN EXTENSION
OF PROVISIONAL CONSTRUCTION PERMIT CPPR-93
FOR
WPPSS NUCLEAR PLANT NO. 2

A. Introduction

Provisional Construction Permit No. CPPR-93 was issued by the Commission on March 19, 1973, for construction of the Washington Public Power Supply System (WPPSS) Nuclear Plant No. 2 (WNP-2) (formerly Hanford 2) at the permittee's site in Benton County, Washington. WPPSS requested in their letter of December 28, 1976, that the latest completion date for the construction permit be extended from September 1, 1978, to and including December 1, 1981. In this letter, WPPSS estimated the completion date for the WNP-2 facility as June 1, 1979. The permittee is presently estimating an earliest date for construction completion of March 1980.

In its December 1976 letter, WPPSS states that the delay in its original construction schedule is due to a number of delaying factors beyond the control of WPPSS. These factors are stated to be:

1. A strike from June 1, 1976, to November 15, 1976, and an earlier strike of shorter duration;
2. New NRC licensing requirements;
3. Poor labor productivity;
4. Increased project scope and complexity;
5. Additional and more stringent design criteria; and
6. Incorporation of modifications required as a result of operating experience at other plants.

WPPSS states that it believes that the foregoing delaying factors constitute good cause for the requested extension.

OFFICE ➤						
SURNAME ➤						
DATE ➤						

B. Good Cause and Reasonable Time

The NRC staff concurs that the delaying factors cited above as reasons for the construction delay were unforeseen, especially Items 1 and 3. The staff also concurs that these factors constitute good cause for the requested extension. Based on our estimate of the time required to perform the remaining work, supported by estimates of the Office of Inspection and Enforcement and by the Caseload Forecast Panel, we believe the permittee's earliest estimate of the time to complete construction of the remaining work is not unreasonable, though slightly optimistic based on the past history of labor productivity. However, we concur that the construction permit extension request to December 1981 reflects a reasonable estimate of the time required to complete the remaining work plus a reasonable allowance for additional delays which might result from the same or similar delaying factors cited above.

In this regard, the NRC staff notes the following factors to be considered:

1. Many significant items of construction remain to be performed (e.g., the completion of the piping systems and the installation of the safety-related electrical cables);
2. Almost none of the system and preoperational testing has been initiated; and
3. Similar facilities have experienced long delays in the resolution of technical problems associated with major systems.

While it is difficult to assess the potential impact of these factors, we conclude that the requested extension of the construction permit to December 1981 provides sufficient margin for the permittee's estimate of the completion date.

C. Significant Hazards Consideration

The staff finds that because the request is only for additional time to complete construction of a facility whose general design and design criteria have already been reviewed and approved, neither the probability nor the consequences of postulated accidents previously considered will be increased, nor will any safety margins associated with this facility be decreased. Accordingly, no significant hazards consideration is involved in granting the request and prior public notice of this action is not required.

OFFICE >						
SURNAME >						
DATE >						

AUG 29 1978

D. Conclusions and Recommendations

For the reasons stated herein, the NRC staff concludes that the latest completion date for Provisional Construction Permit CPPR-93 should be extended from September 1, 1978, to December 1, 1981.

M. D. Lynch, Project Manager
Light Water Reactors Branch 4
Division of Project Management

Original signed by
Steven A. Varga
Steven A. Varga, Chief
Light Water Reactors Branch 4
Division of Project Management

AUG 29 1978

*Concur with changes
as per Paton-Norris
on Neg Decl.*

OFFICE >	LWR	LWR-4	OELD		
SURNAME >	MDLynch:nlg	SAVarga	Tantellott		
DATE >	8/17/78	8/17/78	8/17/78		



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

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

WPPSS NUCLEAR PLANT NO. 2

DOCKET NO. 50-397

ORDER EXTENDING CONSTRUCTION COMPLETION DATE

Washington Public Power Supply System (WPPSS) is the holder of Provisional Construction Permit No. CPPR-93 issued by the Atomic Energy Commission* on March 19, 1973, for construction of the WPPSS Nuclear Plant No. 2 (formerly Hanford 2) which is presently under construction at the permittee's site in Benton County, Washington.

On December 28, 1976, Washington Public Power Supply System filed a request for an extension of the completion date because construction has been delayed due to:

- (1) A strike from June 1, 1976 to November 15, 1976, and an earlier strike of shorter duration;
- (2) New NRC licensing requirements;
- (3) Poor labor productivity;
- (4) Increased project scope and complexity;
- (5) Additional and more stringent design criteria; and
- (6) Incorporation of modifications required as a result of operating experience at other plants.

This action involves no significant hazards consideration; good cause has been shown for delay; and the extension is for a reasonable period, the bases for which are set forth in an NRC staff evaluation dated **AUG 29 1978**

Effective January 19, 1975, the Atomic Energy Commission became the Nuclear Regulatory Commission and Permits in effect on that day were continued under the authority of the Nuclear Regulatory Commission.

A negative Declaration and an Environmental Impact Appraisal have been prepared and are available, as are the above stated documents for public inspection at the Commission's Public Document Room, 1717 H Street, NW, Washington, DC 20555, and at the Richland Public Library, Swift and Northgate Streets, Richland, Washington 99353.

IT IS HEREBY ORDERED THAT the latest completion date for Provisional Construction Permit No. CPPR-93 is extended from September 1, 1978, to December 1, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION:

Original Signed by
Roger S. Boyd

Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

Date of Issuance:

AUG 29 1978



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

AUG 29 1978

Docket No. 50-397

EVALUATION OF A REQUEST FOR AN EXTENSION
OF PROVISIONAL CONSTRUCTION PERMIT CPPR-93
FOR
WPPSS NUCLEAR PLANT NO. 2

A. Introduction

Provisional Construction Permit No. CPPR-93 was issued by the Commission on March 19, 1973, for construction of the Washington Public Power Supply System (WPPSS) Nuclear Plant No. 2 (WNP-2) (formerly Hanford 2) at the permittee's site in Benton County, Washington. WPPSS requested in their letter of December 28, 1976, that the latest completion date for the construction permit be extended from September 1, 1978, to and including December 1, 1981. In this letter, WPPSS estimated the completion date for the WNP-2 facility as June 1, 1979. The permittee is presently estimating an earliest date for construction completion of March 1980.

In its December 1976 letter, WPPSS states that the delay in its original construction schedule is due to a number of delaying factors beyond the control of WPPSS. These factors are stated to be:

1. A strike from June 1, 1976, to November 15, 1976, and an earlier strike of shorter duration;
2. New NRC licensing requirements;
3. Poor labor productivity;
4. Increased project scope and complexity;
5. Additional and more stringent design criteria; and
6. Incorporation of modifications required as a result of operating experience at other plants.

WPPSS states that it believes that the foregoing delaying factors constitute good cause for the requested extension.

B. Good Cause and Reasonable Time

The NRC staff concurs that the delaying factors cited above as reasons for the construction delay were unforeseen, especially Items 1 and 3. The staff also concurs that these factors constitute good cause for the requested extension. Based on our estimate of the time required to perform the remaining work, supported by estimates of the Office of Inspection and Enforcement and by the Caseload Forecast Panel, we believe the permittee's earliest estimate of the time to complete construction of the remaining work is not unreasonable, though slightly optimistic based on the past history of labor productivity. However, we concur that the construction permit extension request to December 1981 reflects a reasonable estimate of the time required to complete the remaining work plus a reasonable allowance for additional delays which might result from the same or similar delaying factors cited above.

In this regard, the NRC staff notes the following factors to be considered:

1. Many significant items of construction remain to be performed (e.g., the completion of the piping systems and the installation of the safety-related electrical cables);
2. Almost none of the system and preoperational testing has been initiated; and
3. Similar facilities have experienced long delays in the resolution of technical problems associated with major systems.

While it is difficult to assess the potential impact of these factors, we conclude that the requested extension of the construction permit to December 1981 provides sufficient margin for the permittee's estimate of the completion date.

C. Significant Hazards Consideration

The staff finds that because the request is only for additional time to complete construction of a facility whose general design and design criteria have already been reviewed and approved, neither the probability nor the consequences of postulated accidents previously considered will be increased, nor will any safety margins associated with this facility be decreased. Accordingly, no significant hazards consideration is involved in granting the request and prior public notice of this action is not required.

D. Conclusions and Recommendations

For the reasons stated herein, the NRC staff concludes that the latest completion date for Provisional Construction Permit CPPR-93 should be extended from September 1, 1978, to December 1, 1981.



M. D. Lynch, Project Manager
Light Water Reactors Branch 4
Division of Project Management



Steven A. Varga, Chief
Light Water Reactors Branch 4
Division of Project Management

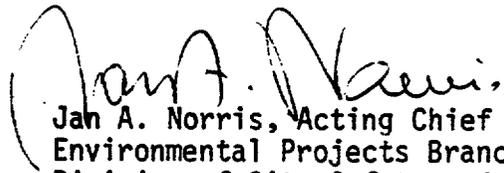
AUG 29 1978

NEGATIVE DECLARATION
SUPPORTING: EXTENSION OF CONSTRUCTION
PERMIT NO. CPPR-93 EXPIRATION DATE FOR
THE WASHINGTON PUBLIC POWER SUPPLY SYSTEM
NUCLEAR PROJECT NO. 2
DOCKET NO. 50-397

The U. S. Nuclear Regulatory Commission (the Commission) has reviewed Washington Public Power Supply System (permittee) request to extend the expiration date of the construction permit for the Washington Public Power Supply System Nuclear Project No. 2 (CPPR-93) which is located in Benton County in the State of Washington. The permittee requested a thirty-nine month extension to the permit through December 1, 1981, to allow for completion of construction of the plant.

The Commission's Division of Site Safety and Environmental Analysis has prepared an environmental impact appraisal relative to this change to CPPR-93. Based on this appraisal, the Commission has concluded that an environmental impact statement for this particular action is not warranted because there will be no environmental impact attributable to the proposed action other than that which has already been described in the Commission's Final Environmental Statement.

The environmental impact appraisal is available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Government Publications Section Richland Public Library, Swift and Northgate Streets, Richland, Washington.


Jan A. Norris, Acting Chief
Environmental Projects Branch 2
Division of Site Safety and
Environmental Analysis

AUG 29 1978

ENVIRONMENTAL IMPACT APPRAISAL BY THE DIVISION OF
SITE SAFETY AND ENVIRONMENTAL ANALYSIS
SUPPORTING EXTENSION OF CONSTRUCTION PERMIT
No. CPPR-93 WPPSS NUCLEAR PROJECT No. 2

ENVIRONMENTAL IMPACT APPRAISAL

Description of Proposed Action

By letter of December 28, 1976 the applicant, Washington Public Power Supply System (WPPSS), filed a request with the Nuclear Regulatory Commission (NRC) to extend the completion date specified in Construction Permit No. CPPR-93 for the WPPSS Nuclear Project No. 2 (WNP-2). The action proposed is the issuance of an order providing for an extension of the latest completion date of the construction permit from September 1, 1978 to and including December 1, 1981. The NRC staff has reviewed the application and found that good cause has been shown for the requested extension of the completion date specified in Construction Permit CPPR-93 for WNP-2 (see attached Safety Evaluation by the NRC staff).

Environmental Impact of the Proposed Action

A. Need for the Facility

The WNP-2 is now scheduled to begin commercial operation in September 1980. As part of the licensing review of other plants of this applicant (WNP-1, WNP-3, WNP-4 and WNP-5) the staff has closely followed WPPSS's need for generating capacity. Examination of the most recent information regarding loads and resources indicates that the conclusion reached in the Final Environmental Statement published in December 1972 regarding need for this plant is still valid.

The overall staff's conclusion that the plant should be constructed is unaffected by the extension of the construction permit.

B. Community and Economic Impacts

The Final Environmental Statement (FES) for the WNP-2 includes an assessment of potential environmental, economic, and community impacts due to site preparation and plant construction. In addition, (1) the staff's review of the inspection reports prepared by the Office of Inspection and Enforcement as a result of periodic inspection visits to the WNP-2 site, and (2) staff's discussions with individuals and local and state officials held at the time of licensing reviews of adjacent units (WNP-1 and WNP-4) did not

identify any adverse impacts on the environment or the surrounding community which were not anticipated and adequately discussed in the FES or which were significantly greater than those discussed in the FES.

The only effects possibly resulting from the requested extension would be those due to transposing the impacts in time or extending the total time the local community is subjected to temporary construction impacts. This in the staff's view will not result in any significant additional impact. The staff concludes that environmental impacts associated with construction of the plant described in the FES, are not affected by the proposed extension. Thus, no significant change in impact is expected to result from the extension.

Conclusion and Basis for Negative Declaration

On the basis of the foregoing analysis and the NRC staff evaluation, it is concluded that, with the exception of impacts noted above, which are judged insignificant, the impacts attributable to the proposed action will be confined to those already predicted and described in the Commission's FES issued in 1972. Having made this conclusion, the Commission has further concluded that no environmental impact statement for the proposed action need be prepared, and that a negative declaration to this effect is appropriate.



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

DOCKET
FILES

AUG 29 1978

Docket No. 50-397

Washington Public Power Supply System
ATTN: Mr. Neil O. Strand
3000 George Washington Way
P. O. Box 968
Richland, Washington 99352

Gentlemen:

SUBJECT: ORDER EXTENDING CONSTRUCTION COMPLETION DATE

In response to your request of December 28, 1976, the Nuclear Regulatory Commission has issued an Order extending the construction completion date for WPPSS Nuclear Plant No. 2. In lieu of the latest completion date of September 1, 1978, as specified previously in Provisional Construction Permit No. CPPR-93, the latest completion date has been extended to December 1, 1981.

A copy of the Order, the staff safety evaluation, the negative declaration, and the environmental impact appraisal are enclosed for your information. The Order and the negative declaration have been transmitted to the Office of the Federal Register for publication.

Sincerely,

A handwritten signature in dark ink, appearing to read "Steven A. Varga".

Steven A. Varga, Chief
Light Water Reactors Branch 4
Division of Project Management

Enclosures:

1. Order Extending Completion Date
2. Staff Safety Evaluation
3. Negative Declaration
4. Environmental Impact Appraisal

ccs:

Listed on following page

Washington Public Power Supply System

ccs:

Joseph B. Knotts, Jr., Esq.
Debevoise & Liberman
700 Shoreham Building
806 Fifteenth Street, N. W.
Washington, D. C. 20005

Richard Q. Quigley, Esq.
Washington Public Power Supply System
3000 George Washington Way
P. O. Box 968
Richland, Washington 99352

Attorney General
Temple of Justice
Olympia, Washington 98504

Mr. Nicholas D. Lewis, Chairman
Energy Facility Site Evaluation Council
820 East Fifth Avenue
Olympia, Washington 98504

State Planning Division
Office of Financial Management
Room 105, House Office Building
Olympia, Washington 98504

Mr. Lloyd Dallas, Chairman
Benton County Board of Commissioners
Courthouse
Prosser, Washington 99350

U.S. Environmental Protection Agency
Region X Office
Attn: EIS Coordinator
1200 6th Avenue
Seattle, Washington, D. C. 98101

Chairman
Washington Utilities and Transportation Commission
Highways-Licenses Building
Olympia, Washington 98504



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

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

WPPSS NUCLEAR PLANT NO. 2

DOCKET NO. 50-397

ORDER EXTENDING CONSTRUCTION COMPLETION DATE

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On December 28, 1976, Washington Public Power Supply System filed a request for an extension of the completion date because construction has been delayed due to:

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- (2) New NRC licensing requirements;
- (3) Poor labor productivity;
- (4) Increased project scope and complexity;
- (5) Additional and more stringent design criteria; and
- (6) Incorporation of modifications required as a result of operating experience at other plants.

This action involves no significant hazards consideration; good cause has been shown for delay; and the extension is for a reasonable period, the bases for which are set forth in an NRC staff evaluation dated **AUG 29 1978**

Effective January 19, 1975, the Atomic Energy Commission became the Nuclear Regulatory Commission and Permits in effect on that day were continued under the authority of the Nuclear Regulatory Commission.

A negative Declaration and an Environmental Impact Appraisal have been prepared and are available, as are the above stated documents for public inspection at the Commission's Public Document Room, 1717 H Street, NW, Washington, DC 20555, and at the Richland Public Library, Swift and Northgate Streets, Richland, Washington 99353.

IT IS HEREBY ORDERED THAT the latest completion date for Provisional Construction Permit No. CPPR-93 is extended from September 1, 1978, to December 1, 1981.

FOR THE NUCLEAR REGULATORY COMMISSION:

Original Signed by
Roger S. Boyd

Roger S. Boyd, Director
Division of Project Management
Office of Nuclear Reactor Regulation

Date of Issuance:

AUG 29 1978



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

AUG 29 1978

Docket No. 50-397

EVALUATION OF A REQUEST FOR AN EXTENSION
OF PROVISIONAL CONSTRUCTION PERMIT CPPR-93
FOR
WPPSS NUCLEAR PLANT NO. 2

A. Introduction

Provisional Construction Permit No. CPPR-93 was issued by the Commission on March 19, 1973, for construction of the Washington Public Power Supply System (WPPSS) Nuclear Plant No. 2 (WNP-2) (formerly Hanford 2) at the permittee's site in Benton County, Washington. WPPSS requested in their letter of December 28, 1976, that the latest completion date for the construction permit be extended from September 1, 1978, to and including December 1, 1981. In this letter, WPPSS estimated the completion date for the WNP-2 facility as June 1, 1979. The permittee is presently estimating an earliest date for construction completion of March 1980.

In its December 1976 letter, WPPSS states that the delay in its original construction schedule is due to a number of delaying factors beyond the control of WPPSS. These factors are stated to be:

1. A strike from June 1, 1976, to November 15, 1976, and an earlier strike of shorter duration;
2. New NRC licensing requirements;
3. Poor labor productivity;
4. Increased project scope and complexity;
5. Additional and more stringent design criteria; and
6. Incorporation of modifications required as a result of operating experience at other plants.

WPPSS states that it believes that the foregoing delaying factors constitute good cause for the requested extension.

B. Good Cause and Reasonable Time

The NRC staff concurs that the delaying factors cited above as reasons for the construction delay were unforeseen, especially Items 1 and 3. The staff also concurs that these factors constitute good cause for the requested extension. Based on our estimate of the time required to perform the remaining work, supported by estimates of the Office of Inspection and Enforcement and by the Caseload Forecast Panel, we believe the permittee's earliest estimate of the time to complete construction of the remaining work is not unreasonable, though slightly optimistic based on the past history of labor productivity. However, we concur that the construction permit extension request to December 1981 reflects a reasonable estimate of the time required to complete the remaining work plus a reasonable allowance for additional delays which might result from the same or similar delaying factors cited above.

In this regard, the NRC staff notes the following factors to be considered:

1. Many significant items of construction remain to be performed (e.g., the completion of the piping systems and the installation of the safety-related electrical cables);
2. Almost none of the system and preoperational testing has been initiated; and
3. Similar facilities have experienced long delays in the resolution of technical problems associated with major systems.

While it is difficult to assess the potential impact of these factors, we conclude that the requested extension of the construction permit to December 1981 provides sufficient margin for the permittee's estimate of the completion date.

C. Significant Hazards Consideration

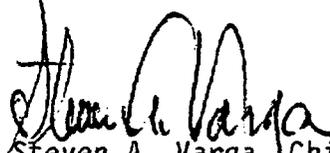
The staff finds that because the request is only for additional time to complete construction of a facility whose general design and design criteria have already been reviewed and approved, neither the probability nor the consequences of postulated accidents previously considered will be increased, nor will any safety margins associated with this facility be decreased. Accordingly, no significant hazards consideration is involved in granting the request and prior public notice of this action is not required.

D. Conclusions and Recommendations

For the reasons stated herein, the NRC staff concludes that the latest completion date for Provisional Construction Permit CPPR-93 should be extended from September 1, 1978, to December 1, 1981.



M. D. Lynch, Project Manager
Light Water Reactors Branch 4
Division of Project Management



Steven A. Varga, Chief
Light Water Reactors Branch 4
Division of Project Management

AUG 29 1978

NEGATIVE DECLARATION

SUPPORTING: EXTENSION OF CONSTRUCTION

PERMIT NO. CPPR-93 EXPIRATION DATE FOR

THE WASHINGTON PUBLIC POWER SUPPLY SYSTEM

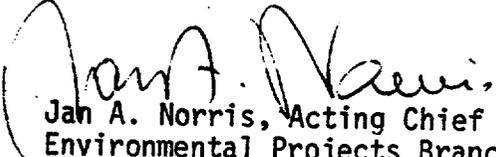
NUCLEAR PROJECT NO. 2

DOCKET NO. 50-397

The U. S. Nuclear Regulatory Commission (the Commission) has reviewed Washington Public Power Supply System (permittee) request to extend the expiration date of the construction permit for the Washington Public Power Supply System Nuclear Project No. 2 (CPPR-93) which is located in Benton County in the State of Washington. The permittee requested a thirty-nine month extension to the permit through December 1, 1981, to allow for completion of construction of the plant.

The Commission's Division of Site Safety and Environmental Analysis has prepared an environmental impact appraisal relative to this change to CPPR-93. Based on this appraisal, the Commission has concluded that an environmental impact statement for this particular action is not warranted because there will be no environmental impact attributable to the proposed action other than that which has already been described in the Commission's Final Environmental Statement.

The environmental impact appraisal is available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Government Publications Section Richland Public Library, Swift and Northgate Streets, Richland, Washington.


Jan A. Norris, Acting Chief
Environmental Projects Branch 2
Division of Site Safety and
Environmental Analysis

AUG 29 1978

ENVIRONMENTAL IMPACT APPRAISAL BY THE DIVISION OF
SITE SAFETY AND ENVIRONMENTAL ANALYSIS
SUPPORTING EXTENSION OF CONSTRUCTION PERMIT
No. CPPR-93 WPPSS NUCLEAR PROJECT No. 2

ENVIRONMENTAL IMPACT APPRAISAL

Description of Proposed Action

By letter of December 28, 1976 the applicant, Washington Public Power Supply System (WPPSS), filed a request with the Nuclear Regulatory Commission (NRC) to extend the completion date specified in Construction Permit No. CPPR-93 for the WPPSS Nuclear Project No. 2 (WNP-2). The action proposed is the issuance of an order providing for an extension of the latest completion date of the construction permit from September 1, 1978 to and including December 1, 1981. The NRC staff has reviewed the application and found that good cause has been shown for the requested extension of the completion date specified in Construction Permit CPPR-93 for WNP-2 (see attached Safety Evaluation by the NRC staff).

Environmental Impact of the Proposed Action

A. Need for the Facility

The WNP-2 is now scheduled to begin commercial operation in September 1980. As part of the licensing review of other plants of this applicant (WNP-1, WNP-3, WNP-4 and WNP-5) the staff has closely followed WPPSS's need for generating capacity. Examination of the most recent information regarding loads and resources indicates that the conclusion reached in the Final Environmental Statement published in December 1972 regarding need for this plant is still valid.

The overall staff's conclusion that the plant should be constructed is unaffected by the extension of the construction permit.

B. Community and Economic Impacts

The Final Environmental Statement (FES) for the WNP-2 includes an assessment of potential environmental, economic, and community impacts due to site preparation and plant construction. In addition, (1) the staff's review of the inspection reports prepared by the Office of Inspection and Enforcement as a result of periodic inspection visits to the WNP-2 site, and (2) staff's discussions with individuals and local and state officials held at the time of licensing reviews of adjacent units (WNP-1 and WNP-4) did not

identify any adverse impacts on the environment or the surrounding community which were not anticipated and adequately discussed in the FES or which were significantly greater than those discussed in the FES.

The only effects possibly resulting from the requested extension would be those due to transposing the impacts in time or extending the total time the local community is subjected to temporary construction impacts. This in the staff's view will not result in any significant additional impact. The staff concludes that environmental impacts associated with construction of the plant described in the FES, are not affected by the proposed extension. Thus, no significant change in impact is expected to result from the extension.

Conclusion and Basis for Negative Declaration

On the basis of the foregoing analysis and the NRC staff evaluation, it is concluded that, with the exception of impacts noted above, which are judged insignificant, the impacts attributable to the proposed action will be confined to those already predicted and described in the Commission's FES issued in 1972. Having made this conclusion, the Commission has further concluded that no environmental impact statement for the proposed action need be prepared, and that a negative declaration to this effect is appropriate.