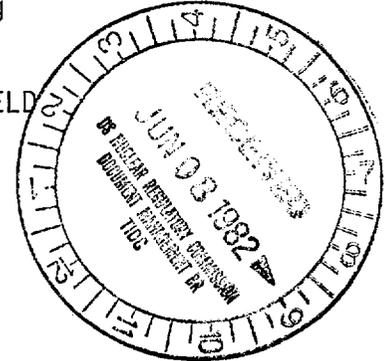


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 ACRS (16)

JUN 4 1982

Docket Nos.: 50-424  
 and 50-425



Mr. Doug E. Dutton  
 Vice President  
 Generating Plant Projects  
 Georgia Power Company  
 Post Office Box 4545  
 Atlanta, Georgia 30302

Dear Mr. Dutton:

Subject: Order Extending Construction Completion Dates for Alvin W. Vogtle  
 Nuclear Plant, Units 1 and 2

In response to your letter of April 28, 1982, the Nuclear Regulatory Commission has issued an Order extending the construction completion dates for Alvin W. Vogtle Nuclear Plant, Units 1 and 2 (Vogtle Project). The referenced Order extends the construction completion dates of Construction Permit Nos. CPPR-108 and CPPR-109 from April 1983 for Unit 1 and April 1984 for Unit 2 to March 31, 1988 and September 30, 1989, respectively.

A copy of the Order granting the extension and the staff's evaluation of your request are enclosed for your information. The Order has been forwarded to the Office of the Federal Register for publication.

Sincerely,  
 Original signed by  
 Darrell G. Eisenhut

Darrell G. Eisenhut, Director  
 Division of Licensing  
 Office of Nuclear Reactor Regulation

- Enclosures:  
 1. Order  
 2. Staff Evaluation

cc: See next page

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\*See previous yellow.

OFFICE	DL:LB#1 JMGrant/yt	DL:LB#1 MRushbrook	DL:LB#1 BJYoungblood	OELD * BBordnick	DL:ADL RLedesco	DL:DLG DEisenhut	
SURNAME	JMGrant/yt	MRushbrook	BJYoungblood	BBordnick	RLedesco	DEisenhut	
DATE	5/27/82	5/27/82	6/1/82	5/ /82	6/01/82	6/4/82	

Docket Nos.: 50-424  
and 50-425

Mr. Doug E. Dutton  
Vice President  
Generating Plant Projects  
Georgia Power Company  
Post Office Box 4545  
Atlanta, Georgia 30302

Dear Mr. Dutton:

Subject: Order Extending Construction Completion Dates for Alvin W. Vogtle  
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Sincerely,

Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Enclosures:

1. Order
2. Staff Evaluation

cc: See next page

*To copy only Brent Shultz 11/5/82*

OFFICE	DL:LB#1	DL:LB#1	DL:LB#1	OELD <i>CR</i>	DL:AD/L	DL:DIR	
SURNAME	JMGrant/yt	MRushbrook	BJYoungblood	BBordenick	RLTedesco	DGEisenhut	
DATE	5/5/82	5/7/82	5/7/82	5/12/82	5/7/82	5/7/82	

JUN 04 1982

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Management  
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cc: Mr. L. T. Guwa  
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Region II  
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Atlanta, Georgia 30303

Mr. William S. Sanders  
Resident Inspector/Nuclear Regulatory Commission  
Post Office Box 572  
Waynesboro, Georgia 30830

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Law Department  
132 Judicial Building  
Atlanta, Georgia 30334

Office of Planning and Budget  
Room 615B  
270 Washington Street, S. W.  
Atlanta, Georgia 30334

Office of the County Commissioner  
Burke County Commission  
Waynesboro, Georgia 30830

GEORGIA POWER COMPANY  
OGLETHORPE POWER CORPORATION  
MUNICIPAL ELECTRIC AUTHORITY OF GEORGIA  
CITY OF DALTON, GEORGIA  
ALVIN W. VOGTLE NUCLEAR PLANT, UNITS 1 AND 2  
DOCKET NOS. 50-424 AND 50-425  
ORDER EXTENDING CONSTRUCTION COMPLETION DATES

Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia and the City of Dalton, Georgia, (collectively, the applicants) are the holders of Construction Permits CPPR-108 and CPPR-109, issued by the Atomic Energy Commission\* on June 28, 1974 for the construction of Alvin W. Vogtle Nuclear Plant, Units 1 and 2 (Vogtle Project). The Vogtle Project is under construction at a site in Burke County, Georgia, approximately 26 miles south-southeast of Augusta, Georgia. By letter dated April 28, 1982, the applicants filed a request for an extension of the construction completion dates as follows:

LATEST CONSTRUCTION COMPLETION DATES

	<u>FROM</u>	<u>TO</u>
Unit 1	April 1983	March 1988
Unit 2	April 1984	September 1989

An extension of the construction completion dates for the Vogtle Project is required for the following reasons:

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

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- (1) The construction schedule was adversely affected by seven months following reactivation of construction in early 1976. This delay was due to an extended negotiation period required to consummate the sale of interests in the Vogtle Project to Oglethorpe Power Corporation, Municipal Electric Authority of Georgia and the City of Dalton, Georgia.
- (2) The construction schedule was adversely affected by twelve months in 1977 due to reduced projected load growth, additional requirements related to physical separation criteria for the cable spreading room and related redesign of the control building.
- (3) During portions of 1978, 1979 and 1980, construction was delayed approximately eighteen months as a result of difficulties encountered in concrete production, backfill placement and erosion control.

The applicants have requested the remaining extension of the completion dates as a result of a comprehensive assessment of the construction schedule as of May 1981 by a Task Force reporting to the Vogtle Project Management Board. The applicants have re-estimated the construction schedule based on new projections for materials and equipment, projected versus actual manpower experience, and increased regulatory requirements, including TMI-requirements.

The Commission has reviewed the applicants' request for extension of the construction completion dates. Because this requested action involves no significant hazards consideration, good cause has been shown for the construction delay, and the requested extension is for a reasonable period, the bases for which are set forth in the NRC Staff Evaluation, dated June 4, 1982, the Commission supports the extension of the completion dates for the

Vogtle Project.

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DATE	.....	.....	.....	.....	.....	.....	.....

The preparation of an environmental impact statement for this particular action is not warranted because there will be no environmental impact attributable to the Order other than that which has already been predicted and described in the Commission's Final Environmental Statement (Construction Permit Stage) of the Alvin W. Vogtle Nuclear Plant, Units 1 and 2, published in March 1974.

The Commission has determined that this action will not result in any significant environmental impact and, 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 this action.

The applicants' letter, dated April 28, 1982, and the staff's evaluation supporting the Order are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. 20555 and at the Burke County Public Library, Fourth Street, Waynesboro, Georgia 30830.

IT IS HEREBY ORDERED that the latest completion dates for construction of the Alvin W. Vogtle Nuclear Plant be extended to March 31, 1988 for Unit 1 (CPPR-108) and September 30, 1989 for Unit 2 (CPPR-109).

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by  
Darrell G. Eisenhut

Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Date of Issuance: JUN 04 1982

\*See previous yellow.

OFFICE	DL:LB#1	DL:VPR#2	DL:RBI	OELD*	DL:AD/L	DL:DIR	
SURNAME	JMGrant	MRusbrook	BJYoung	BBordenick	RLFedesco	DEEisenhut	
DATE	5/27/82	5/27/82	6/1/82	5/ /82	6/1/82	6/1/82	

The preparation of an environmental impact statement for this particular action is not warranted because there will be no environmental impact attributable to the Order other than that which has already been predicted and described in the Commission's Final Environmental Statement (Construction Permit Stage) of the Alvin W. Vogtle Nuclear Plant, Units 1 and 2, published in March 1974.

The Commission has determined that this action will not result in any significant environmental impact and, 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 this action.

The applicants' letter, dated April 28, 1982, and the staff's evaluation supporting the Order are available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. 20555 and at the Burke County Public Library, Fourth Street, Waynesboro, Georgia 30830.

IT IS HEREBY ORDERED that the latest completion dates for construction of the Alvin W. Vogtle Nuclear Plant be extended to March 1988 for Unit 1 (CPR-108) and September 1989 for Unit 2 (CPR-109).

FOR THE NUCLEAR REGULATORY COMMISSION

Darrell G. Eisenhut, Director  
Division of Licensing  
Office of Nuclear Reactor Regulation

Date of Issuance:

OFFICE	DL:LB#1	DL:LB#1	DL:LB#1	OELD	DL:AD/L	DL:DIR	
SURNAME	JMGrant/yt	MRushbrook	BJYoungblood	BBordenick	RLTedesco	DEisenhut	
DATE	5/7/82	5/7/82	5/7/82	5/7/82	5/7/82	5/7/82	

STAFF EVALUATION  
REQUEST FOR EXTENSION OF  
CONSTRUCTION PERMIT NOS. CPPR-108 AND CPPR-109  
ALVIN W. VOGTLE NUCLEAR PLANT, UNITS 1 AND 2  
DOCKET NOS. 50-424 AND 50-425

INTRODUCTION

Georgia Power Company, Oglethorpe Power Corporation, Municipal Electric Authority of Georgia and the City of Dalton, Georgia, (collectively, the applicants) are the holders of Construction Permit Nos. CPPR-108 and CPPR-109 issued by the Atomic Energy Commission\* on June 28, 1974 for the construction of Alvin W. Vogtle Nuclear Plant, Units 1 and 2 (Vogtle Project). The Vogtle Project is under construction at a site located in Burke County, Georgia, approximately 26 miles south-southeast of Augusta, Georgia. In accordance with Section 185 of the Atomic Energy Act of 1954, as amended, 42 U.S.C. Section 2235, and in accordance with the Commission's regulations, 10 CFR Section 50.55, the Construction Permits state latest dates for the completion of construction. By letter dated April 28, 1982, the applicants advised the NRC staff that construction could not be completed by the latest dates specified, namely April 1983 for Unit 1 and April 1984 for Unit 2.

The applicants have requested in the April 28, 1982 letter that the Construction Permits, CPPR-108 and CPPR-109, be extended as follows:

CONSTRUCTION COMPLETION DATES

	<u>FROM</u>	<u>TO</u>
Unit 1	April 1983	March 1988
Unit 2	April 1984	September 1989

In accordance with 10 CFR Section 50.55(b), the staff, having found good cause shown, and for the reasons delineated in the remainder of this evaluation, is extending the construction completion dates as stated above.

The staff's evaluation follows.

SPECIFIED DELAYS

The applicants stated in their April 28, 1982 letter that the following factors have lead to the overall delay in the completion of construction for the Vogtle Project.

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

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- (1) Following reactivation of the Vogtle Project in early 1976, the construction schedule was delayed approximately seven months until July 1976 due to extended negotiations required to consummate the sale of interests in the Vogtle Project to Oglethorpe Power Corporation, Municipal Electric Authority of Georgia and the City of Dalton, Georgia.
- (2) In 1977 the construction schedule was delayed for an additional twelve months due to reduced projected load growth and additional requirements related to physical separation criteria for the cable spreading room and related redesign of the control building, including necessary design and engineering.
- (3) During portions of 1978, 1979 and 1980, construction delays of approximately eighteen months resulted from difficulties encountered in concrete production, backfill placement and erosion control. First, concrete production was less than required, and placement times were longer than anticipated. Second, in November 1979 an abnormal rainfall occurred at the Vogtle site which caused erosion of some of the backfill related to structures north of the auxiliary building. A stop work order was issued so that essentially the only construction work which could continue was in the auxiliary building and the nuclear service cooling towers. This stop work order remained in effect during the development of corrective action plans which required extensive review and acceptance by the NRC prior to implementation. Work began again in January 1980, but in selected areas only, and it was not until May 1980 that work could be resumed in all areas of the Vogtle Project.

The applicants have requested the remaining extension of the completion dates as a result of a comprehensive assessment of the construction schedule as of May 1981 by a Task Force reporting to the Vogtle Project Management Board. The applicants have re-estimated the construction schedule based on new projections for materials and equipment, projected versus actual manpower experience, and increased regulatory requirements, including those arising out of lessons learned from Three Mile Island.

REASONABLE COMPENSATION TIME

We concur with the applicants that the Construction Permits should be extended from April 1983 to March 31, 1988 for Unit 1 and from April 1984 to September 30, 1989 for Unit 2 to account for the scheduled delays between 1974 and 1980 and the newly projected schedule for acquisition of materials and equipment, manpower requirements and compliance with recent regulatory requirements. We agree with the reasons for delay of the Vogtle Project identified by the applicants and the Task Force's reassessment of the construction schedule as of May 1981. We find that the construction completion dates of March 31, 1988 for Unit 1 and September 30, 1989 for Unit 2 are acceptable for the Vogtle Project.

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SIGNIFICANT HAZARDS CONSIDERATION

We find that because this request is merely for an extension of time to complete work already reviewed and approved, no significant hazards consideration is involved in granting the request. Thus, prior notice of this action is not required.

CONCLUSIONS AND RECOMMENDATIONS

For the reasons stated herein, the staff concludes that issuance of an Order extending the construction completion dates as previously stated for construction of Alvin W. Vogtle Nuclear Plant, Units 1 and 2, Construction Permit Nos. CPPR-108 and CPPR-109, is reasonable and so ordered.

15/

Jane M. Grant, Project Manager  
Licensing Branch No. 1  
Division of Licensing

15/

B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

Dated: JUN 04 1982

OFFICE	DL:LB#1	DL:LB#1	DL:LB#1	OELD			
SURNAME	JMGrant/yt	MRusink	BJYoungblood	BBordenick			
DATE	5/15/82	5/18/82	6/1/82	5/25/82			