NOV 25 1975

Docket No. 50-333

DISTRIBUTION:
Docket File (ENVIRON)
NCR PDR
Local PDR
OR TIC
Attorney, OELD
Luner, ANL
IE (3)
BJones (4 encl)
RReid/MFairtile
RIngram
WRegan/RBevan
MDuncan
NDube (w/o encl)
RVOllmer
SKari (w/o encl)
SVarga
ASteen
BScharf (15)
ACRS (16)
NYPDR

Power Authority of the State of New York
ATTN: George T. Berry
General Manager and Chief Engineer
10 Columbus Circle
New York, New York 10019

Gentlemen:

The Commission has issued the enclosed Amendment No. 5 to Facility Operating License No. DPR-59 for the James A. Fitzpatrick Nuclear Power Plant. The amendment includes Change No. 5 to the Technical Specifications relating to an increase in the maximum temperature across the main condenser during normal plant operation and is in accordance with your request dated November 12, 1975. The change will remain in effect through 12:00 midnight, December 31, 1975.

We have evaluated the potential for environmental impact of plant operation in accordance with the enclosed amendment. We have determined that the amendment does 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 pursuant to 10 CFR 51.5(c)(1) that an environmental statement need not be prepared in connection with the issuance of this amendment.

This amendment does not affect any safety consideration associated with reactor performance, and therefore does not involve a significant increase in the probability or consequences of an accident, does not involve a significant decrease in a safety margin, and therefore does 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.

OP-1 PR

OFFICE ➤						
SURNAME ➤						
DATE ➤						

NOV 25 1975

Copies of the related Environmental Impact Appraisal, Negative Declaration, and Federal Register Notice are also enclosed.

Sincerely,

Daniel R. Muller, Assistant Director
for Environmental Projects
Division of Reactor Licensing

Enclosures:
1. Amendment No. 5 , Change 5 to License No. DPR-59
2. Negative Declaration
3. Environmental Impact Appraisal
4. Federal Register Notice

cc w/encl: (see attached list)

bcc: w/encl

J. R. Buchanan, HNL
T. B. Abernathy, DTIE
A. Rosenthal, ASLAB
N. Goodrich, ASLBP

Concurred with Chrng
noted
JCB

OFFICE	RL:EP-4	RL:EP-4	RL:EP-4	OELD	RL:ADEP	
SURNAME	MDuncan:sl	RGilbert	WRegan		DMuller	
DATE	11/19/75	11/21/75	11/21/75	11/ /75	11/25/75	

Form AEC-318 (Rev. 9-53) AECM 0240 GPO C43 16 81465-1 520-284

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

POWER AUTHORITY OF THE STATE OF NEW YORK

NIAGARA MOHAWK POWER CORPORATION

DOCKET NO. 50-333

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 5
License No. DPR-59

1. The Nuclear Regulatory Commission (the Commission) has found that:

A. The application for amendment by the Power Authority of the State of New York and the Niagara Mohawk Power Corporation dated November 12, 1975, 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 application, 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; and

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.

2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility License No. DPR-59 is hereby amended to read as follows:

"(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 5 ."

3. This license amendment is effective as of the date of its issuance and will remain in effect until 12:00 midnight December 31, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

George W Knighton

for Daniel R. Muller, Assistant Director
for Environmental Projects
Division of Reactor Licensing

Attachment:
Change No. 5 to the
Technical Specifications

Date of Issuance: November 25, 1975

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 5 TO FACILITY OPERATING LICENSE NO. DPR-59

CHANGE NO. 5 TO TECHNICAL SPECIFICATIONS

DOCKET NO. 50-333

Revise Appendix B as follows:

Remove pages 2 and 3 and insert the attached revised pages 2 and 3. The changed areas on the revised pages are shown by marginal lines.

The revised pages will remain in effect through 12:00 midnight, December 31, 1975. At that time they will be replaced by the original pages.

LIMITING CONDITIONS FOR OPERATION

2.0 Protection Limits

2.1 Thermal

2.1.1. Maximum ΔT across the condenser.

OBJECTIVE

The purpose of this specification is to limit the thermal stress to the aquatic ecosystem by limiting the maximum ΔT across the condenser.

SPECIFICATION

Maximum ΔT across the main condenser during normal plant operation shall be limited to 34.5°F.

If during normal plant operation the main condenser ΔT exceeds 34.5°F for a period of:

a) eight hours in any given 24 hour period, or

b) four hours twice or more in any given seven day period,

the cause of this deviation shall be investigated and positive action taken to reduce the ΔT to the specified maximum. Positive action also shall be taken to prevent any such deviations in the future. In addition a report shall be submitted in accordance with Section 5.0.

Monitoring Requirement

OBJECTIVE

The purpose of this monitoring requirement is to assure that the maximum ΔT across the condenser will not exceed the protection limit as stated in the technical specification.

SPECIFICATION

The main condenser ΔT shall be monitored and recorded once per hour. The temperature measurement shall be taken by three RTD instruments on each inlet and outlet pipe. The instruments shall be located on 120 degrees points close to the water box flanges. The accuracy of the temperature sensors shall be 0.5°F. Each sens shall be scanned on a 60 second basis and, in addition, an hourly log shall be made of the average of the three readings for each pipe. Because of the individual input, loss of an RTD will be promptly alarmed by the computer's "off-limit" circuitry, but readings will still be obtainable from the remaining two sensors.

LIMITING CONDITIONS FOR OPERATION

BASES

For the maximum anticipated power output the plant will require a total recirculation flow of 370,200 gpm. Of the total flow 352,300 gpm is for the main condenser which will raise the circulating water temperature 34.5°F and 17,900 gpm is for service water requirements, which will produce a 13.5°F rise in temperature. The plant will therefore discharge a total of 370,200 gpm with a combined temperature rise of 31.5°F.

2.2 Chemical

2.2.1 Biocides

No biocides shall be used in the condenser cooling water system.

2.2.2 Corrosion Inhibitors

The plant shall not discharge corrosion inhibitors to the lake.

2.2.3 Suspended and Dissolved Solids

OBJECTIVE

The purpose of this specification is to limit the stress to the aquatic ecosystem by limiting the concentration of suspended and dissolved solids in the plant effluents.

BASES

The temperature sensors on the inlet and outlet of the main condenser will provide information on the ΔT across the condenser.

3

Monitoring Requirement

OBJECTIVE

The purpose of this monitoring requirement is to ensure that the chemical concentrations in the plant effluents will not exceed the protection limits.

NEGATIVE DECLARATION

REGARDING PROPOSED CHANGES TO THE

TECHNICAL SPECIFICATIONS OF LICENSE DPR-59

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

The Nuclear Regulatory Commission (the Commission) has considered the issuance of a change to the Technical Specifications of Facility Operating License No. DPR-59. This change would authorize the Power Authority of the State of New York and the Niagara Mohawk Power Corporation (the licensee) to operate the James A. Fitzpatrick Nuclear Power Plant (located in Oswego County, New York) with an increased maximum temperature across the main condenser during normal plant operation until midnight, December 31, 1975.

The U. S. Nuclear Regulatory Commission, Division of Reactor Licensing, has prepared an environmental impact appraisal for the proposed change to the Technical Specifications of License No. DPR-59, James A. Fitzpatrick Nuclear Power Plant, described above. On the basis of 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 predicted and described in the Commission's Final Environmental Statement for the James A. Fitzpatrick Nuclear Power Plant, published in March 1973.

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 Oswego City Library, 120 East Second Street, Oswego, New York.

Dated at Rockville, Maryland, this 25th day of November 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

Wm. H. Regan, Jr., Chief
Environmental Projects Branch 4
Division of Reactor Licensing

ENVIRONMENTAL IMPACT APPRAISAL BY THE DIVISION OF REACTOR LICENSING

SUPPORTING AMENDMENT NO. 5 TO DPR-59

CHANGE NO. 5 TO APPENDIX B OF TECHNICAL SPECIFICATION

POWER AUTHORITY OF THE STATE OF NEW YORK
NIAGARA MOHAWK POWER CORPORATION

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Introduction

By letter dated November 12, 1975, the Power Authority of the State of New York and the Niagara Mohawk Power Corporation requested a change to the Technical Specifications appended to Facility Operating License No. DPR-59 for the James A. Fitzpatrick Nuclear Power Plant. The proposed change involved an increase in the maximum differential temperature across the main condenser during normal plant operation until 12:00 midnight, December 31, 1975.

Discussion

The James A. Fitzpatrick Nuclear Power Plant personnel noted that during the power ascension phase of plant testing, the maximum main condenser differential temperature reached the Technical Specification limit (32.4°F) at 97% of full power. Since several tests remain to be made at 100% power, such as a 100 hour warranty run and some turbine trips after 12 hour operational periods, the licensee requested a temporary Technical Specification change to increase the maximum differential temperature to 34.5°F until December 31, 1975.

Evaluation

Since the authorization period corresponds with the low aquatic productivity period in Lake Ontario, increased mortality of entrained organisms resulting from the increase in differential temperature will be insignificant. Because of the diffuser type discharge, no significant temperature increase in the discharge plume will result from the increase in differential temperature. This minor change in condenser outlet temperature has no effect on reactor performance and no effect on any safety consideration. Accordingly, it is the staff's opinion that this authorization will not result in any significant hazards consideration, endanger the health and safety of the public, or have the potential for significantly adversely affecting the environment.

Conclusion

We have concluded, based on the reasons discussed in the sections above, that authorization of this change does not involve significant environmental impact or hazards considerations. We also conclude that there is reasonable assurance (1) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (2) that such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-333

POWER AUTHORITY OF THE STATE OF NEW YORK
NIAGARA MOHAWK POWER CORPORATION

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY

OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 5 to Facility Operating License No. DPR-59 issued to the Power Authority of the State of New York and the Niagara Mohawk Power Corporation which revised Appendix B, Environmental Technical Specifications for operation of the James A. Fitzpatrick Nuclear Power Plant, located in Oswego County, New York. The amendment is effective as of its date of issuance and will remain in effect until 12:00 midnight, December 31, 1975.

The amendment relates to an increase in the maximum ΔT across the main condenser during normal plant operation from 32.4°F to 34.5°F.

The application for the amendment 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 amendment. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

For further details with respect to this action, see (1) the application for amendment dated November 12, 1975, (2) Amendment No. 5

to License No. DPR-59 with Change No. 5 , and (3) the Commission's related Negative Declaration with supporting Environmental Impact Appraisal, issued concurrently with this notice. All of 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 Oswego City Library, 120 East Second Street, Oswego, New York.

A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Regulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Reactor Licensing.

Dated at Rockville, Maryland, this 25th day of November 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

for George W. Knighton

Daniel R. Muller, Assistant Director
for Environmental Projects
Division of Reactor Licensing

POWER AUTHORITY OF THE STATE OF NEW YORK

NIAGARA MOHAWK POWER CORPORATION

DOCKET NO. 50-333

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 5
License No. DPR-59

1. The Nuclear Regulatory Commission (the Commission) has found that:

   A. The application for amendment by the Power Authority of the State of New York and the Niagara Mohawk Power Corporation dated November 12, 1975, 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 application, 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; and

   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.

2. Accordingly, the license is amended by a change to the Technical Specifications as indicated in the attachment to this license amendment and Paragraph 2.C.(2) of Facility License No. DPR-59 is hereby amended to read as follows:

   "(2) Technical Specifications

   The Technical Specifications contained in Appendices A and B, ass revised, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications, as revised by issued changes thereto through Change No. 5 ."

OFFICE ➤						
SURNAME ➤						
DATE ➤						

3. This license amendment is effective as of the date of its issuance and will remain in effect until 12:00 midnight December 31, 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

s/A. Knighton

for Daniel R. Muller, Assistant Director
for Environmental Projects
Division of Reactor Licensing

Attachment:
Change No. 5 to the
Technical Specifications

Subject to Joe Scinto's review and changes on other pages of package

OFFICE ➔	RL:EP-4	RL:EP-4	RL:EP-4	OELD	AD:EP	
SURNAME ➔	MDuncan:sl	RGilbert	WHRegan	B Buchanan	DRMuller	
DATE ➔	11/19/75	11/21/75	11/21/75	11/21/75	11/24/75	

ATTACHMENT TO LICENSE AMENDMENT

AMENDMENT NO. 5 TO FACILITY OPERATING LICENSE NO. DPR-59

CHANGE NO. 5 TO TECHNICAL SPECIFICATIONS

DOCKET NO. 50-333

Revise Appendix B as follows:

Remove pages 2 and 3 and insert the attached revised pages 2 and 3. The changed areas on the revised pages are shown by marginal lines.

The revised pages will remain in effect through 12:00 midnight, December 31, 1975. At that time they will be replaced by the original pages.

LIMITING CONDITIONS FOR OPERATION

2.0 Protection Limits

2.1 Thermal

2.1.1 Maximum ΔT across the condenser.

OBJECTIVE

The purpose of this specification is to limit the thermal stress to the aquatic ecosystem by limiting the maximum ΔT across the condenser.

SPECIFICATION

Maximum ΔT across the main condenser during normal plant operation shall be limited to 34.5°F.

If during normal plant operation the main condenser ΔT exceeds 34.5°F for a period of:

a) eight hours in any given 24 hour period, or

b) four hours twice or more in any given seven day period,

the cause of this deviation shall be investigated and positive action taken to reduce the ΔT to the specified maximum. Positive action also shall be taken to prevent any such deviations in the future. In addition a report shall be submitted in accordance with Section 5.0.

Monitoring Requirement

OBJECTIVE

The purpose of this monitoring requirement is to assure that the maximum ΔT across the condenser will not exceed the protection limit as stated in the technical specification.

SPECIFICATION

The main condenser ΔT shall be monitored and recorded once per hour. The temperature measurement shall be taken by three RTD instruments on each inlet and outlet pipe. The instruments shall be located on 120 degrees points close to the water box flanges. The accuracy of the temperature sensors shall be 0.5°F. Each sensor shall be scanned on a 60 second basis and, in addition, an hourly log shall be made of the average of the three readings for each pipe. Because of the individual input, loss of an RTD will be promptly alarmed by the computer's "off-limit" circuitry, but readings will still be obtainable from the remaining two sensors.

LIMITING CONDITIONS FOR OPERATION

BASES

For the maximum anticipated power output the plant will require a total recirculation flow of 370,200 gpm. Of the total flow 352,300 gpm is for the main condenser which will raise the circulating water temperature 34.5°F and 17,900 gpm is for service water requirements, which will produce a 13.5°F rise in temperature. The plant will therefore discharge a total of 370,200 gpm with a combined temperature rise of 31.5°F.

2.2 Chemical

2.2.1 Biocides

No biocides shall be used in the condenser cooling water system.

2.2.2 Corrosion Inhibitors

The plant shall not discharge corrosion inhibitors to the lake.

2.2.3 Suspended and Dissolved Solids

OBJECTIVE

The purpose of this specification is to limit the stress to the aquatic ecosystem by limiting the concentration of suspended and dissolved solids in the plant effluents.

BASES

The temperature sensors on the inlet and outlet of the main condenser will provide information on the ΔT across the condenser.

3

Monitoring Requirement

OBJECTIVE

The purpose of this monitoring requirement is to ensure that the chemical concentrations in the plant effluents will not exceed the protection limits.

UNITED STATES NUCLEAR REGULATORY COMMISSION

DOCKET NO. 50-333

POWER AUTHORITY OF THE STATE OF NEW YORK
NIAGARA MOHAWK POWER CORPORATION

NOTICE OF ISSUANCE OF AMENDMENT TO FACILITY

OPERATING LICENSE

Notice is hereby given that the U. S. Nuclear Regulatory Commission (the Commission) has issued Amendment No. 5 to Facility Operating License No. DPR-59 issued to the Power Authority of the State of New York and the Niagara Mohawk Power Corporation which revised Appendix B, Environmental Technical Specifications for operation of the James A. Fitzpatrick Nuclear Power Plant, located in Oswego County, New York. The amendment is effective as of its date of issuance and will remain in effect until 12:00 midnight, December 31, 1975.

The amendment relates to an increase in the maximum ΔT across the main condenser during normal plant operation from 32.4°F to 34.5°F.

The application for the amendment 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 amendment. Prior public notice of this amendment is not required since the amendment does not involve a significant hazards consideration.

For further details with respect to this action, see (1) the application for amendment dated November 12, 1975, (2) Amendment No. 5

OFFICE➤						
SURNAME➤						
DATE➤						

to License No. DPR-59 with Change No. 5 , and (3) the Commission's related Negative Declaration with supporting Environmental Impact Appraisal, issued concurrently with this notice. All of 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 Oswego City Library, 120 East Second Street, Oswego, New York.

A copy of items (2) and (3) may be obtained upon request addressed to the U. S. Nuclear Rggulatory Commission, Washington, D. C. 20555, Attention: Director, Division of Reactor Licensing.

Dated at Rockville, Maryland, this 25th day of November 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

s/ G. Knighton

for Daniel R. Muller, Assistant Director
for Environmental Projects
Division of Reactor Licensing

Subject to the Staff's noted changes in the body of the Notice

OFFICE ➔	RL:EP-4	RL:EP-4	RL:EP-4	OELD	RL:ADPR	
SURNAME ➔	MDuncan:sl	RGilbert	WReg	BMBordenick	DMuller	
DATE ➔	11/19/75	11/21/75	11/21/75	11/21/75	11/24/75	

Form AEC-318 (Rev. 9-53) AECM 0240 GPO C43 16 81465-1 520-284

NEGATIVE DECLARATION

REGARDING PROPOSED CHANGES TO THE

TECHNICAL SPECIFICATIONS OF LICENSE DPR-59

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

DOCKET NO. 50-333

The Nuclear Regulatory Commission (the Commission) has considered the issuance of a change to the Technical Specifications of Facility Operating License No. DPR-59. This change would authorize the Power Authority of the State of New York and the Niagara Mohawk Power Corporation (the licensee) to operate the James A. Fitzpatrick Nuclear Power Plant (located in Oswego County, New York) with an increased maximum temperature across the main condenser during normal plant operation until midnight, December 31, 1975.

The U. S. Nuclear Regulatory Commission, Division of Reactor Licensing, has prepared an environmental impact appraisal for the proposed change to the Technical Specifications of License No. DPR-59, James A. Fitzpatrick Nuclear Power Plant, described above. On the basis of 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 predicted and described in the Commission's Final Environmental Statement for the James A. Fitzpatrick Nuclear Power Plant, published in March 1973.

OFFICE ➤						
SURNAME ➤						
DATE ➤						

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 Oswego City Library, 120 East Second Street, Oswego, New York.

Dated at Rockville, Maryland, this 25th day of November 1975.

FOR THE NUCLEAR REGULATORY COMMISSION

Original signed by
Wm. H. Regan, Jr.

Wm. H. Regan, Jr., Chief
Environmental Projects Branch 4
Division of Reactor Licensing

Subject to Joe's comments

OFFICE	RL:EP-4	RL:EP-4	RL:EP-4	OELD	RL:ADEP	
SURNAME	MDuncan:sl	RGilbert	WRegan	B. Bordenick	DMuller	
DATE	11/19/75	11/21/75	11/24/75	11/21/75	11/24/75	

ENVIRONMENTAL IMPACT APPRAISAL BY THE DIVISION OF REACTOR LICENSING

SUPPORTING AMENDMENT NO. 5 TO DPR-59

CHANGE NO. 5 TO APPENDIX B OF TECHNICAL SPECIFICATION

POWER AUTHORITY OF THE STATE OF NEW YORK
NIAGARA MOHAWK POWER CORPORATION

JAMES A. FITZPATRICK NUCLEAR POWER PLANT

Introduction

By letter dated November 12, 1975, the Power Authority of the State of New York and the Niagara Mohawk Power Corporation requested a change to the Technical Specifications appended to Facility Operating License No. DPR-59 for the James A. Fitzpatrick Nuclear Power Plant. The proposed change involved an increase in the maximum differential temperature across the main condenser during normal plant operation until 12:00 midnight, December 31, 1975.

Discussion

The James A. Fitzpatrick Nuclear Power Plant personnel noted that during the power ascension phase of plant testing, the maximum main condenser differential temperature reached the Technical Specification limit (32.4°F) at 97% of full power. Since several tests remain to be made at 100% power, such as a 100 hour warranty run and some turbine trips after 12 hour operational periods, the licensee requested a temporary Technical Specification change to increase the maximum differential temperature to 34.5°F until December 31, 1975.

Evaluation

Since the authorization period corresponds with the low aquatic productivity period in Lake Ontario, increased mortality of entrained organisms resulting from the increase in differential temperature will be insignificant. Because of the diffuser type discharge, no significant temperature increase in the discharge plume will result from the increase in differential temperature. This minor change in condenser outlet temperature has no effect on reactor performance and no effect on any safety consideration. Accordingly, it is the staff's opinion that this authorization will not result in any significant hazards consideration, endanger the health and safety of the public, or have the potential for significantly adversely affecting the environment.

Conclusion

We have concluded, based on the reasons discussed in the sections above, that authorization of this change does not involve significant environmental impact or hazards considerations. We also conclude that there is reasonable assurance (1) that the activities authorized by this amendment can be conducted without endangering the health and safety of the public, and (2) that such activities will be conducted in compliance with the Commission's regulations and the issuance of this amendment will not be inimical to the common defense and security or to the health and safety of the public.