

Docket Nos. 50-315  
and 50-316

April 1, 1985

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Mr. John Dolan, Vice President  
Indiana and Michigan Electric Company  
c/o American Electric Power Service Corporation  
1 Riverside Plaza  
Columbus, Ohio 43216

Dear Mr. Dolan:

The Commission has issued the enclosed Amendment No. 83 to Facility Operating License No. DPR-58 and Amendment No. 66 to Facility Operating License No. DPR-74 for the Donald C. Cook Nuclear Plant, Unit Nos. 1 and 2, respectively. The amendments consist of changes to the Technical Specifications in response to your application transmitted by letter dated December 28, 1984.

These amendments revise the Technical Specifications to make the Unit 1 and Unit 2 ice condenser requirements identical and make both consistent with the Westinghouse Standard Technical Specification.

A copy of the related Safety Evaluation is enclosed. A Notice of Issuance will be included in the Commission's next regular monthly Federal Register notice.

Sincerely,

/s/DWigginton

David L. Wigginton, Project Manager  
Operating Reactors Branch #1  
Division of Licensing

Enclosures:

1. Amendment No. 83 to DPR-58
2. Amendment No. 66 to DPR-74
3. Safety Evaluation

cc: w/enclosures  
See next page

ORB#1:DL  
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Indiana and Michigan Electric Company

Donald C. Cook Nuclear  
Plant, Units 1 and 2

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

INDIANA AND MICHIGAN ELECTRIC COMPANY

DOCKET NO. 50-315

DONALD C. COOK NUCLEAR PLANT UNIT NO. 1

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No. 83  
License No. DPR-58

1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Indiana and Michigan Electric Company (the licensee) dated December 28, 1984, 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;
  - 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; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-58 is hereby amended to read as follows:

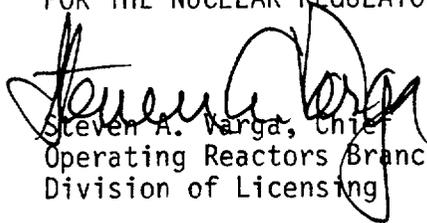
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(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 83, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The change in Technical Specifications is to become effective within 30 days of issuance of the amendment.
4. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Varga, Chief  
Operating Reactors Branch #1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 1, 1985



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

INDIANA AND MICHIGAN ELECTRIC COMPANY

DOCKET NO. 50-316

DONALD C. COOK NUCLEAR PLANT UNIT NO. 2

AMENDMENT TO FACILITY OPERATING LICENSE

Amendment No.66  
License No. DPR-74

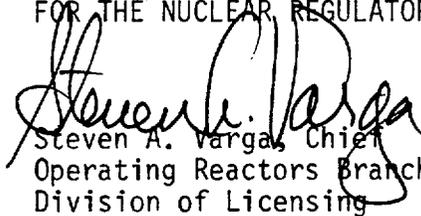
1. The Nuclear Regulatory Commission (the Commission) has found that:
  - A. The application for amendment by Indiana and Michigan Electric Company (the licensee) dated December 28, 1984, complies with the standards and requirements of the Atomic Energy Act of 1954, as amended (the Act) and the Commission's 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;
  - 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; and
  - E. The issuance of this amendment is in accordance with 10 CFR Part 51 of the Commission's regulations and all applicable requirements have been satisfied.
2. Accordingly, the license is amended by changes to the Technical Specifications as indicated in the attachment to this license amendment, and paragraph 2.C.(2) of Facility Operating License No. DPR-74 is hereby amended to read as follows:

(2) Technical Specifications

The Technical Specifications contained in Appendices A and B, as revised through Amendment No. 66, are hereby incorporated in the license. The licensee shall operate the facility in accordance with the Technical Specifications.

3. The change in Technical Specifications is to become effective within 30 days of issuance of the amendment.
4. This license amendment is effective as of the date of its issuance.

FOR THE NUCLEAR REGULATORY COMMISSION

  
Steven A. Vargas, Chief  
Operating Reactors Branch #1  
Division of Licensing

Attachment:  
Changes to the Technical  
Specifications

Date of Issuance: April 1, 1985

ATTACHMENT TO LICENSE AMENDMENTS

AMENDMENT NO. 83 FACILITY OPERATING LICENSE NO. DPR-58

AMENDMENT NO. 66 FACILITY OPERATING LICENSE NO. DPR-74

DOCKET NOS. 50-315 AND 50-316

Revise Appendix A as follows:

Remove Pages

Insert Pages

UNIT 1

3/4 6-25\*

3/4 6-25\*

3/4 6-26

3/4 6-26

3/4 6-27

3/4 6-27

3/4 6-28

3/4 6-28

3/4 6-29\*

3/4 6-29\*

3/4 6-30

3/4 6-30

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3/4 6-31

3/4 6-32

3/4 6-32

UNIT 2

3/4 6-35

3/4 6-35

3/4 6-36

3/4 6-36

\* No changes; provided for convenience only.

## CONTAINMENT SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

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3. Verifying during a recombiner system functional test that the heater sheath temperature increases to  $\geq$  1200°F within 5 hours and is maintained for at least 4 hours.
4. Verifying the integrity of all heater electrical circuits by performing a continuity and resistance to ground test immediately following the above required functional test. The resistance to ground for any heater phase shall be  $\geq$  10,000 ohms.

## CONTAINMENT SYSTEMS

### 3/4.6.5 ICE CONDENSER

#### ICE BED

#### LIMITING CONDITION FOR OPERATION

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3.6.5.1 The ice bed shall be OPERABLE with:

- a. The stored ice having boron concentration of at least 1800 ppm (the boron being in the form of sodium tetraborate), and a pH of 9.0 to 9.5 at 25°C.
- b. Flow channels through the ice condenser,
- c. A maximum ice bed temperature of  $\leq 27^{\circ}\text{F}$ ,
- d. Each ice basket containing at least 1220 lbs of ice, and
- e. 1944 ice baskets.

APPLICABILITY: MODES 1, 2, 3 and 4.

#### ACTION:

With the ice bed inoperable, restore the ice bed to OPERABLE status within 48 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

#### SURVEILLANCE REQUIREMENTS

---

4.6.5.1 The ice condenser shall be determined OPERABLE:

- a. At least once per 12 hours by using the ice bed temperature monitoring system to verify that the maximum ice bed temperature is  $\leq 27^{\circ}\text{F}$ .
- b. At least once per 9 months by:
  1. Chemical analyses which verify that at least 9 representative samples of stored ice have a boron concentration of at least 1800 ppm (the boron being in the form of sodium tetraborate), and a pH of 9.0 to 9.5 at 25°C.
  2. Weighing a representative sample of at least 144 ice baskets and verifying that each basket contains at least 1220 lbs of ice. The representative sample shall include 6 baskets from each of the 24 ice condenser bays and

CONTAINMENT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

shall be constituted of one basket each from Radial Rows 1, 2, 4, 6, 8 and 9 (or from the same row of an adjacent bay if a basket from a designated row cannot be obtained for weighing) within each bay. If any basket is found to contain less than 1220 pounds of ice, a representative sample of 20 additional baskets from the same bay shall be weighed. The minimum average weight of ice from the 20 additional baskets and the discrepant basket shall not be less than 1220 pounds/basket at a 95% level of confidence.

The ice condenser shall also be subdivided into 3 groups of baskets, as follows: Group 1 - bays 1 through 8, Group 2 - bays 9 through 16, and Group 3 - bays 17 through 24. The minimum average ice weight of the sample baskets from Radial Rows 1, 2, 4, 6, 8 and 9 in each group shall not be less than 1220 pounds/basket at a 95% level of confidence.

The minimum total ice condenser ice weight at a 95% level of confidence shall be calculated using all ice basket weights determined during this weighing program and shall not be less than 2,371,450 pounds.

3. Verifying, by a visual inspection of at least two flow passages per ice condenser bay, that the accumulation of frost or ice on flow passages between ice baskets, past lattice frames, through the intermediate and top deck floor grating, or past the lower inlet plenum support structures and turning vanes is restricted to a nominal thickness of 3/8 inches. If one flow passage per bay is found to have an accumulation of frost or ice greater than this thickness, a representative sample of 20 additional flow passages from the same bay shall be visually inspected. If these additional flow passages are found acceptable, the surveillance program may proceed considering the single deficiency as unique and acceptable. More than one restricted flow passage per bay is evidence of abnormal degradation of the ice condenser.
- c. At least once per 40 months by lifting and visually inspecting the accessible portions of at least two ice baskets from each 1/3 of the ice condenser and verifying that the ice baskets are free of detrimental structural wear, cracks, corrosion or other damage. The ice baskets shall be raised at least 12 feet for this inspection.

## CONTAINMENT SYSTEMS

### ICE BED TEMPERATURE MONITORING SYSTEM

#### LIMITING CONDITION FOR OPERATION

3.6.5.2 The ice bed temperature monitoring system shall be OPERABLE with at least 2 OPERABLE RTD channels in the ice bed at elevations 652' 2-1/4", 672' 5-1/4" and 696' 2-1/4" for each one third of the ice condenser.

APPLICABILITY: MODES 1, 2, 3 and 4.

#### ACTION:

- a. With the ice bed temperature monitoring system inoperable, POWER OPERATION may continue for up to 30 days provided:
  1. The ice compartment lower inlet doors, intermediate deck doors, and top deck doors are closed;
  2. The last recorded mean ice bed temperature was  $\leq 20^{\circ}\text{F}$  and steady; and
  3. The ice condenser cooling system is OPERABLE with at least:
    - a) 21 OPERABLE air handling units,
    - b) 2 OPERABLE glycol circulating pumps, and
    - c) 3 OPERABLE refrigerant units;

otherwise, be in at least HOT STANDBY within 6 hours and in COLD SHUTDOWN within the following 30 hours.
- b. With the ice bed temperature monitoring system inoperable and with the ice condenser cooling system not satisfying the minimum components OPERABILITY requirements of a.3 above, POWER OPERATION may continue for up to 6 days provided the ice compartment lower inlet doors, intermediate deck doors, and top deck doors are closed and the last recorded mean ice bed temperature was  $< 15^{\circ}\text{F}$  and steady; otherwise, be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

CONTAINMENT SYSTEMS

SURVEILLANCE REQUIREMENTS

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4.6.5.2 The ice bed temperature monitoring system shall be determined OPERABLE by performance of a CHANNEL CHECK at least once per 12 hours.

## CONTAINMENT SYSTEMS

### ICE CONDENSER DOORS

#### LIMITING CONDITION FOR OPERATION

3.6.5.3 The ice condenser inlet doors, intermediate deck doors, and top deck doors shall be closed and OPERABLE.

APPLICABILITY: MODES 1, 2, 3 and 4.

#### ACTION:

With one or more ice condenser doors open or otherwise inoperable, POWER OPERATION may continue for up to 14 days provided the ice bed temperature is monitored at least once per 4 hours and the maximum ice bed temperature is maintained  $< 27^{\circ}\text{F}$ ; otherwise, restore the doors to their closed positions or OPERABLE status (as applicable) within 48 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

#### SURVEILLANCE REQUIREMENTS

4.6.5.3.1 Inlet Doors - Ice condenser inlet doors shall be:

- a. Continuously monitored and determined closed by the inlet door position monitoring system, and
- b. Demonstrated OPERABLE during shutdown (MODES 5 and 6) at least once per 9 months by:
  1. Verifying that the torque required to initially open each door is  $\leq 675$  inch pounds.
  2. Verifying that opening of each door is not impaired by ice, frost or debris.
  3. Testing a sample of at least 50% of the doors and verifying that the torque required to open each door is less than 195 inch-pounds when the door is 40 degrees open. This torque is defined as the "door opening torque" and is equal to the nominal door torque plus a frictional

CONTAINMENT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

torque component. The doors selected for determination of the "door opening torque" shall be selected to ensure that all doors are tested at least once during two test intervals.

4. Testing a sample of at least 50% of the doors and verifying that the torque required to keep each door from closing is greater than 78 inch-pounds when the door is 40 degrees open. This torque is defined as the "door closing torque" and is equal to the nominal door torque minus a frictional torque component. The doors selected for determination of the "door closing torque" shall be selected to ensure that all doors are tested at least once during two test intervals.
5. Calculation of the frictional torque of each door tested in accordance with 3 and 4, above. The calculated frictional torque shall be  $\leq$  40 inch-pounds.

4.6.5.3.2 Intermediate Deck Doors - Each ice condenser intermediate deck door shall be:

- a. Verified closed and that opening of each door is not impaired by ice, frost or debris by a visual inspection at least once per 7 days, and
- b. Demonstrated OPERABLE at least once per 18 months by visually verifying no structural deterioration, by verifying free movement of the vent assemblies, and by ascertaining free movement when lifted with the applicable force shown below.

<u>Door</u>	<u>Lifting Force</u>
1. Adjacent to Crane Wall	$\leq$ 37.4 lbs.
2. Paired with Door Adjacent to Crane Wall	$\leq$ 33.8 lbs.
3. Adjacent to Containment Wall	$\leq$ 31.8 lbs.
4. Paired with Door Adjacent to Containment Wall	$\leq$ 31.0 lbs.

CONTAINMENT SYSTEMS

SURVEILLANCE REQUIREMENTS (Continued)

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4.6.5.3.3 Top Deck Doors - Each ice condenser top deck door shall be determined closed and OPERABLE at least once per 92 days by visually verifying:

- a. That the doors are in place, and
- b. That no condensation, frost, or ice has formed on the doors or blankets which would restrict their lifting and opening if required.

## CONTAINMENT SYSTEMS

### 3/4.6.5 ICE CONDENSER

#### ICE BED

#### LIMITING CONDITION FOR OPERATION

---

3.6.5.1 The ice bed shall be OPERABLE with:

- a. The stored ice having a boron concentration of at least 1800 ppm (the boron being in the form of sodium tetraborate), and a pH of 9.0 to 9.5 at 25°C,
- b. Flow channels through the ice condenser,
- c. A maximum ice bed temperature of  $\leq 27^{\circ}\text{F}$ ,
- d. Each ice basket containing at least 1220 lbs of ice, and
- e. 1944 ice baskets.

APPLICABILITY: MODES 1, 2, 3 and 4.

#### ACTION:

With the ice bed inoperable, restore the ice bed to OPERABLE status within 48 hours or be in at least HOT STANDBY within the next 6 hours and in COLD SHUTDOWN within the following 30 hours.

#### SURVEILLANCE REQUIREMENTS

---

4.6.5.1 The ice condenser shall be determined OPERABLE:

- a. At least once per 12 hours by using the ice bed temperature monitoring system to verify that the maximum ice bed temperature is  $\leq 27^{\circ}\text{F}$ .
- b. At least once per 9 months by:
  1. Chemical analyses which verify that at least 9 representative samples of stored ice have a boron concentration of at least 1800 ppm (the boron being in the form of sodium tetraborate), and a pH of 9.0 to 9.5 at 25°C.
  2. Weighing a representative sample of at least 144 ice baskets and verifying that each basket contains at least 1220 lbs of ice. The representative sample shall include 6 baskets from each of the 24 ice condenser bays and

## CONTAINMENT SYSTEMS

### SURVEILLANCE REQUIREMENTS (Continued)

shall be constituted of one basket each from Radial Rows 1, 2, 4, 6, 8 and 9 (or from the same row of an adjacent bay if a basket from a designated row cannot be obtained for weighing) within each bay. If any basket is found to contain less than 1220 pounds of ice, a representative sample of 20 additional baskets from the same bay shall be weighed. The minimum average weight of ice from the 20 additional baskets and the discrepant basket shall not be less than 1220 pounds/basket at a 95% level of confidence.

The ice condenser shall also be subdivided into 3 groups of baskets, as follows: Group 1 - bays 1 through 8, Group 2 - bays 9 through 16, and Group 3 - bays 17 through 24. The minimum average ice weight of the sample baskets from Radial Rows 1, 2, 4, 6, 8 and 9 in each group shall not be less than 1220 pounds/basket at a 95% level of confidence.

The minimum total ice condenser ice weight at a 95% level of confidence shall be calculated using all ice basket weights determined during this weighing program and shall not be less than 2,371,450 pounds.

3. Verifying, by a visual inspection of at least two flow passages per ice condenser bay, that the accumulation of frost or ice on flow passages between ice baskets, past lattice frames, through the intermediate and top deck floor grating, or past the lower inlet plenum support structures and turning vanes is restricted to a nominal thickness of 3/8 inches. If one flow passage per bay is found to have an accumulation of frost or ice greater than this thickness, a representative sample of 20 additional flow passages from the same bay shall be visually inspected. If these additional flow passages are found acceptable, the surveillance program may proceed considering the single deficiency as unique and acceptable. More than one restricted flow passage per bay is evidence of abnormal degradation of the ice condenser.
- c. At least once per 40 months by lifting and visually inspecting the accessible portions of at least two ice baskets from each 1/3 of the ice condenser and verifying that the ice baskets are free of detrimental structural wear, cracks, corrosion or other damage. The ice baskets shall be raised at least 12 feet for this inspection.



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION  
RELATED TO AMENDMENT NO. 83 TO FACILITY OPERATING LICENSE NO. DPR-58  
AND AMENDMENT NO. 66 TO FACILITY OPERATING LICENSE NO. DPR-74  
INDIANA AND MICHIGAN ELECTIC COMPANY  
DONALD C. COOK NUCLEAR PLANT UNIT NOS. 1 AND 2  
DOCKET NOS. 50-315 AND 50-316

INTRODUCTION

By letter dated December 28, 1984, Indiana and Michigan Power Company submitted proposed amendments to the Donald C. Cook Units 1 and 2 Technical Specifications. The proposed amendment revises the Technical Specifications (T/S) to make the Unit 1 and 2 Ice Condenser T/S identical and make both consistent with the Westinghouse Standard Specifications (STS), NUREG-0452, Rev. 4.

EVALUATIONS

The following changes proposed by the licensee are primarily of an administrative nature, make the Unit 1 and Unit 2 T/S identical, and do not adversely affect the safety of the plant or the general public. The staff finds these changes to be acceptable.

Proposed Change to Unit 1 and Unit 2 T/S 3.6.5.1.a

DESCRIPTION OF CHANGE

Specification 3.6.5.1.a is rewritten to read as follows: "The stored ice having a boron concentration of at least 1800 ppm (the boron being in the form of sodium tetraborate), and a pH of 9.0 to 9.5 at 25° C." This change specifies a temperature at which the pH is measured and eliminates possible confusion by specifying boron concentration instead of sodium borate.

EVALUATION

This change is primarily administrative in nature and has no effect on safety. The new specification is more restrictive than existing T/S, and is very similar to the Westinghouse STS.

Proposed Change to Unit 1 T/S 4.6.5.1.b

DESCRIPTION OF CHANGE

Specification 4.6.5.1.b is rewritten to shorten the surveillance interval from 12 months to 9 months.

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## EVALUATION

This change is conservative, makes Unit 1 T/S identical to Unit 2's and is identical to the Westinghouse STS. This change has no effect on safety.

### Proposed Change to Unit 1 and Unit 2 T/S 4.6.5.1.b.1

#### DESCRIPTION OF CHANGE

Specification 4.6.5.1.b.1 is rewritten to read as follows: "Chemical analyses which verify that at least 9 representative samples of stored ice have a boron concentration of at least 1800 ppm (the boron being in the form of sodium tetraborate), and a pH of 9.0 to 9.5 at 25° C." This change specifies a temperature at which the pH is measured and eliminates possible confusion by specifying boron concentration instead of sodium borate.

#### EVALUATION

This change is primarily administrative in nature and has no effect on safety. The new specification is more restrictive than existing T/S and is very similar to the Westinghouse STS.

### Proposed Change to Unit 1 T/S 4.6.5.1.b.2

#### DESCRIPTION OF CHANGE

This change proposes that the ice condenser be subdivided into three groups of baskets as follows: "Group 1 - bays 1 through 8, Group 2 - bays 9 through 16, and Group 3 - bays 17 through 24," instead of "Group 1 - bays 1 through 7, Group 2 - bays 8 through 14, and Group 3 - bays 15 through 24."

#### EVALUATION

The original T/S had been changed from the STS and was evaluated in the D.C. Cook Safety Evaluation Report, Supplement 5 dated January 1976. This initial change was due to the initial ice loadings which created discrepancies in basket weights. Subsequent ice replenishments have eliminated these discrepancies. This change is acceptable since the Unit 1 T/S will now be closer to the Westinghouse STS, and will not affect public health and safety.

### Proposed Change to Unit 1 T/S 3.6.5.2

#### DESCRIPTION OF CHANGE

Specification 3.6.5.2 Action statement a.3.c was changed to read "3 OPERABLE refrigerant units" instead of "3 OPERABLE 25 ton refrigeration chillers."

#### EVALUATION

This change is primarily administrative in nature as each unit is rated at 25 tons. This change is acceptable as this will make Unit 1 and Unit 2's T/S identical with the Westinghouse STS.

Proposed Change to Unit 1 T/S 4.6.5.3.1

DESCRIPTION OF CHANGE

The licensee proposes that the operability of the ice condenser inlet doors be demonstrated at least once per 9 months by torque testing 50% of the doors instead of at least once per 6 months with 25% of the doors being torque tested.

EVALUATION

This change is acceptable as this would be more conservative than before and this will make Unit 1 and Unit 2 T/S identical.

Proposed Changes to Unit 1 T/S Pages 3/4 - 6-30 to 6-32

DESCRIPTION OF CHANGES

The licensee proposes:

1. That the following words be removed from T/S's 4.6.5.3.1(b) and 4.6.5.3.2(b): "at least once per 3 months during the first year after the ice bed is fully loaded" and "thereafter."
2. Technical Specification 4.6.5.3.2(a) be clarified to read "that opening of each door is not impaired by ice, frost, or debris" instead of "free of frost accumulation."
3. Technical Specification 4.6.5.3.3 be revised to require the surveillance of the Top Deck Doors "once per 92 days" instead of "once per 3 months."

EVALUATION

The first change is acceptable as it deletes obsolete requirements and makes Unit 1 T/S identical to Unit 2. The second and third are acceptable as the changes are not of significance and they are identical to the Westinghouse STS.

Proposed Change to Unit 1 and Unit 2 T/S 4.6.5.1.b.3

DESCRIPTION OF CHANGE

Specification 4.6.5.1.b.3 is rewritten to read as follows:

"Verifying, by a visual inspection of at least two flow passages per ice condenser bay, that the accumulation of frost or ice in flow passages between ice baskets, past lattice frames, through the intermediate and top deck floor grating, or past the lower inlet plenum support structures and turning vanes is restricted to a nominal thickness, of 3/8 inches. If one flow passage per bay is found to have an accumulation of frost or ice greater than this thickness, a representative sample of 20 additional flow passages from the same bay shall be visually inspected."

This change modifies the limiting ice thickness from 0.38 inches to a nominal 3/8 inches.

#### EVALUATION

This change is acceptable because 3/8 inches is more conservative than .38 inches, and otherwise is identical to the Westinghouse STS.

#### ENVIRONMENTAL CONSIDERATION

These amendments involve a change in the installation or use of the facilities' components located within the restricted areas as defined in 10 CFR 20. The staff has determined that these amendments involve no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that these amendments involve no significant hazards consideration and there has been no public comment on such finding. Accordingly, these amendments meet the eligibility criteria for categorical exclusion set forth in 10 CFR Section 51.22(c)(9). Pursuant to 10 CFR 51.22(b) no environmental impact statement or environmental assessment need be prepared in connection with the issuance of these amendments.

#### CONCLUSION

We have concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, and (2) such activities will be conducted in compliance with the Commission's regulations and the issuance of these amendments will not be inimical to the common defense and security or to the health and safety of the public.

Dated: April 1, 1985

#### PRINCIPAL CONTRIBUTORS:

S. Hare