



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

DECEMBER 31 1979

MEMORANDUM FOR: Division of Operating Reactors Assistant Directors
Division of Operating Reactors Branch Chiefs
Division of Operating Reactors Project Managers

FROM: Darrell G. Eisenhut, Acting Director
Division of Operating Reactors

SUBJECT: LICENSING ACTIONS RELATIVE TO IMPLEMENTATION OF LESSONS
LEARNED SHORT TERM REQUIREMENTS

On December 12, 1979, we briefed the Commission on the status and results of our review of licensee positions and schedules for implementing Category A items of our short term lessons learned requirements. Based on the results of this meeting and other discussions with Mr. Denton and the Commission, we have determined that certain actions are required that affect all operating power reactors. These actions are enclosed and summarized below:

- (1) Confirmatory Letters - For those licensees who have committed in writing to implement all Category A items by January 1, 1980, a confirmatory letter was issued on December 27, 1979. This letter advised the licensees that we would be notified promptly should circumstances arise which would cause revision to their commitments.
- (2) Confirmatory Orders - For those licensees who have committed in writing to be in compliance with our requirements by January 31, 1980, a Confirmatory Order (see Enclosure 1) should be issued. The Order provides for the possibility that equipment necessary for January 31, 1980 implementation may be delayed and provisions are made for this circumstance.
- (3) Order to Show Cause - For those facilities (except Turkey Point 4, St. Lucie 1, Crystal River 3 and San Onofre 1) that have committed to implement all Category A items but cannot meet the prescribed implementation schedule, an Order to Show Cause (see Enclosure 2) should be issued. This Order would direct that all Category A items be completed by January 31, 1980, except those items for which the licensee has demonstrated that implementation by that time is impossible due to equipment unavailability.
- (4) Order to Show Cause - For those facilities that have committed to implement all Category A items but cannot meet the prescribed schedule and in whose areas the potential for a severe power reliability problem exists, an Order to Show Cause should be issued. For Turkey Point 4, St. Lucie 1 and Crystal River 3 (see Enclosure 3) the Order would direct Category A implementation be completed by February 15, 1980. A power reliability provision is included.

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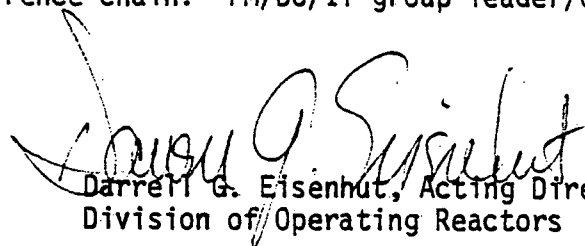
DECEMBER 31 1979

For Oconee 2 and 3 (see Enclosure 4) the Order would direct Category A implementation be completed by February 15, 1980.* No additional power reliability provision is included. For San Onofre 1 (see Enclosure 5) all Category A implementation must be completed by January 31, 1980, unless a severe power reliability impact is demonstrated. Deferral of implementation due to power reliability or equipment availability for these plants as well as those receiving the Orders discussed in paragraphs (2) and (3) is not authorized beyond June 1, 1980.

To assist the Project Managers in preparing these documents for issuance, we have prepared a listing of each licensee's submittals (Enclosure 6) and a plant listing of the action required (Enclosure 7). Each type action has been put on Vydec to assist in processing (See Christy for Tapes).

To provide each licensee with as much advance notice as possible, we should dispatch these letters and Orders before COB Monday, December 31, 1979.

Please use the following concurrence chain:** PM/BC/IT group leader/OELD/DOR:AD/DOR:D/NRR:D.


Darrell G. Eisenhut, Acting Director
Division of Operating Reactors

Enclosures:

1. Confirmatory Orders
2. Order to Show Cause
3. Order to Show Cause (Florida Plants)
4. Order to Show Cause (Oconee 2 and 3)
5. Order to Show Cause (San Onofre 1)
6. Licensee's Submittals
7. Plant Listing of Action Required

* ERA/DOR in performing a power reliability analysis of the impact of all three Oconee Units shutdown at the same time.

** OELD, DIR:DOR, DIR:NRR, and the Commission have already concurred in these Orders



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

ENCLOSURE 1

Docket No.

Licensee

Dear Mr. :

The Commission today has issued the enclosed Confirmatory Order for (plant) . This Order confirms your commitment, as stated in your letters dated , to implement all "Category A" lessons learned requirements (excluding 2.1.7.a) prior to plant operation after January 31, 1980.

It is not the Commission's intent, in issuing this Order, to encourage delays in implementation of those "Category A" items you currently have scheduled to complete by January 1, 1980. Therefore, you should still submit, on or shortly after January 1, 1980, a description of the methods used to implement the "Category A" requirements completed by that time. "Category B" lessons learned requirements, those to be implemented by January 1, 1981, will be the subject of future correspondence.

A copy of this Order is being filled with the Office of the Federal Register for publication.

Sincerely,

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosure:
Confirmatory Order

NRC has concluded that prompt implementation of the actions denominated "Category A" requirements at operating nuclear power plants is necessary to provide ^{Continued assurance of public} ~~adequate protection for the~~ health and safety ~~of the public.~~ These "Category A" requirements were transmitted to all licensees operating nuclear power plants by letter dated September 13, 1979. By letter to affected licensees dated October 30, 1979, further clarification of these requirements was provided.

III

NUREG-0578 and my letters of September 13 and October 30, 1979, which are hereby incorporated into this Order by reference, describe in detail the basis for implementing "Category A" requirements. The majority of licensees including this licensee have committed to implement the "Category A" requirements by January 31, 1980 or the reactor will be shutdown until such implementation is complete. However, other licensees have indicated that additional necessary equipment, which is on order, will be delivered after this date. Thirty days after delivery of equipment is a practical time period during which the equipment can be installed. Based on available information, all equipment should be delivered and capable of being installed by June 1, 1980. Licensees are required to meet the January 31, 1980 schedule unless they adequately demonstrate, in accordance with this Order, that delay based on equipment availability is justified. For reasons discussed, timely implementation

of these requirements is necessary to provide continued assurance of public health and safety. Requirements should be satisfied as soon as practicable and in no instance shall a licensee with incomplete "Category A" actions continue operation beyond June 1, 1980.

IV

In view of the importance of this matter it has been determined that this commitment be formalized by order. Accordingly pursuant to the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED THAT:

The Licensee by January 31, 1980, implement all "Category A" requirements (except the requirement of 2.1.7.a of NUREG-0578) referred to in Part II of this Order, except those for which necessary equipment is previously shown, by appropriate documentary justification to be unavailable, or, in the alternative, place and maintain its facility in a cold shutdown or refueling mode of operation. "Category A" requirements not implemented by January 31, 1980, owing to the unavailability of necessary equipment shall be implemented within 30 days of the date such equipment becomes available but no later than June 1, 1980.

Any person whose interest may be affected by this Order may request a hearing within twenty (20) days of the date of the Order. Any request for a hearing will not stay the effectiveness of this Order. Any request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555. If a hearing is requested by a person whose interest may be affected by this Order, the Commission will issue an Order designating the time and place of any such hearing.

In light of the Licensee's expressed willingness to implement "Category A" requirements, in the event a hearing is requested, the issue to be considered at the hearing shall be:

whether all "Category A" requirements (except the requirement of 2.1.7.a of NUREG-0578) should be implemented in accordance with the schedule prescribed in this Order.

Operation of the facility on terms consistent with this Order is not stayed by the pendency of any proceedings on the Order.

FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this day of December, 1979

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

Docket No.

Licensee

Dear Mr. :

The Commission has issued the enclosed Show Cause Order for (plant) .
Your submittals of (date) regarding implementation of the short-term lessons learned requirements indicate that you do not intend to implement some of the "Category A" requirements until after January 31, 1980. We have determined that implementation of the "Category A" requirements by January 31, 1980, is necessary to provide continued assurance of public health and safety.

The Show Cause Order requires that you implement, by January 31, 1980, the "Category A" requirements of NUREG-0578 regarding short-term lessons learned, as supplemented by our letters of September 13, and October 30, 1979; or show cause why you should not. Because this Order is immediately effective it also requires that the "Category A" requirements be implemented by January 31, 1980, or the plant be shut down. A provision regarding equipment availability problems is included.

In your submittals, you did indicate that many of the "Category A" requirements would be implemented by January 1, 1980. It is not the Commission's intent, in issuing this Order, to encourage delays in implementation of those "Category A" items you currently have scheduled to complete by January 1, 1980. Therefore, you should still submit, on or shortly after January 1, 1980, a description of the methods used to implement the "Category A" requirements completed by that time.

"Category B" lessons learned requirements, those scheduled for implementation by January 1, 1981, will be the subject of future correspondence.

A copy of this Order is being filed with the Office of the Federal Register for Publication.

Sincerely,

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosure:
Order to Show Cause

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

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Docket No.

ORDER TO SHOW CAUSE

I

The _____ Company (the Licensee) is the holder of Facility Operating License No. _____ which authorizes the Licensee to operate the _____ Nuclear Power Plant, Unit _____ at power levels not in excess of _____ megawatts thermal (rated power). The facility is a boiling water reactor located at the Licensee's site in _____.

II

Following the Three Mile Island Unit 2 (TMI-2) accident on March 28, 1979, a TMI-2 Lessons Learned Task Force of the Nuclear Regulatory Commission (NRC) Staff conducted an intensive review of the design and operational aspects of nuclear power plants and the emergency procedures for coping with potential accidents. The Task Force identified measures to be taken in the short-term to reduce the likelihood of accidents and to improve emergency preparedness in responding to accidents. These measures are set forth in NUREG-0578, "TMI-2 Lessons Learned Task Force Status Report and Short-term Recommendations". The

NRC has concluded that prompt implementation of the actions denominated "Category A" requirements at operating nuclear power plants is necessary to provide ~~adequate protection for the health and safety of the public~~ ^{continued assurance of public}. These "Category A" requirements were transmitted to all licensees operating nuclear power plants by letter dated September 13, 1979. By letter to affected licensees dated October 30, 1979, further clarification of these requirements was provided.

III

The Licensee has committed to implementation of each "Category A" requirement albeit not in all cases prior to January 31, 1980. NUREG-0578 and my letters of September 13 and October 30, 1979, which are hereby incorporated into this Order by reference, describe in detail the basis for implementing "Category A" requirements. The majority of licensees have committed to implement the "Category A" requirements by January 31, 1980 or the reactor will shutdown until such implementation is complete. However, other licensees have indicated that additional necessary equipment, which is on order, will be delivered after this date. Thirty days after delivery of equipment is a practical time period during which the equipment can be installed. Based on available information, all equipment should be delivered and capable of being installed by June 1, 1980. Licensees are required to meet the January 31, 1980 schedule unless they adequately demonstrate, in accordance with this Order, that delay based on equipment availability is justified. For reasons discussed, timely

implementation of these requirements is necessary to provide continued assurance of public health and safety. Requirements should be satisfied as soon as practicable and in no instance shall a licensee with incomplete "Category A" actions continue operation beyond June 1, 1980.

IV

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED THAT the Licensee show cause, in the manner hereinafter provided, why it should not:

By January 31, 1980, implement all "Category A" requirements (except the requirement of 2.1.7.a of NUREG-0578) referred to in Part II of this Order, except those for which necessary equipment is shown, by appropriate and timely documentary justification, to be unavailable, or, in the alternative, place and maintain its facilities in a cold shutdown or refueling mode of operation. "Category A" requirements not implemented by January 31, 1980, owing to the unavailability of necessary equipment shall be implemented within 30 days of the date such equipment becomes available but no later than June 1, 1980.

In view of the importance of the prompt implementation of "Category A" requirements to the health and safety of the public, I have determined that the public health, safety or interest requires that this Order be temporarily effective as of this date, pending further Order of the Commission.

V

The Licensee may file a written answer to this Order under oath or affirmation within twenty (20) days of the date of the Order. The Licensee or any other person whose interest may be affected by this Order may request a hearing within twenty (20) days of the date of the Order. Any request for a hearing will not stay the temporary effectiveness of this Order. Any request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D. C., 20555. If a hearing is requested by a person whose interest may be affected by this Order, the Commission will issue an Order designating the time and place of any such hearing.

In light of the Licensee's expressed willingness to implement "Category A" requirements, except as indicated in Part III of this Order, in the event a hearing is requested, the issue to be considered at such hearing shall be: whether all "Category A" requirements (except the requirements of 2.1.7.a of NUREG-0578) should be implemented in accordance with the schedule prescribed by this Order.

Operation of the facility on terms consistent with this Order is not stayed by the pendency of any proceedings on the Order.

FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this day of December, 1979



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

Docket No.

Licensee

Dear Mr. :

The Commission has issued the enclosed Show Cause Order for (plant) .
Your submittals of (date) regarding implementation of the short-term lessons learned requirements indicate that you do not intend to implement some of the "Category A" requirements until after January 31, 1980. We have determined that implementation of the "Category A" requirements by February 15, 1980, is necessary to provide continued assurance of public health and safety.

The Show Cause Order requires that you implement, by February 15, 1980, the "Category A" requirements of NUREG-0578 regarding short-term lessons learned, as supplemented by our letters of September 13, and October 30, 1979; or show cause why you should not. Because this Order is immediately effective it also requires that the "Category A" requirements be implemented by February 15, 1980, or the plant be shut down. A provision regarding equipment availability and power reliability problems is included.

In your submittals, you did indicate that many of the "Category A" requirements would be implemented by January 1, 1980. It is not the Commission's intent, in issuing this Order, to encourage delays in implementation of those "Category A" items you currently have scheduled to complete by January 1, 1980. Therefore, you should still submit, on or shortly after January 1, 1980, a description of the methods used to implement the "Category A" requirements completed by that time.

"Category B" lessons learned requirements, those scheduled for implementation by January 1, 1981, will be the subject of future correspondence.

A copy of this Order is being filed with the Office of the Federal Register for Publication.

Sincerely,

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosure:
Order to Show Cause

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

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Docket No.

ORDER TO SHOW CAUSE

I

The _____ Company (the Licensee) is the holder of Facility
Operating License No. _____ which authorizes the Licensee to operate the
_____ Nuclear Power Plant, Unit _____ at power levels not in excess
of _____ megawatts thermal (rated power). The facility is a boiling water
reactor located at the Licensee's site in _____.

II

Following the Three Mile Island Unit 2 (TMI-2) accident on March 28, 1979,
a TMI-2 Lessons Learned Task Force of the Nuclear Regulatory Commission (NRC)
Staff conducted an intensive review of the design and operational aspects of
nuclear power plants and the emergency procedures for coping with potential
accidents. The Task Force identified measures to be taken in the short-term
to reduce the likelihood of accidents and to improve emergency preparedness in
responding to accidents. These measures are set forth in NUREG-0578, "TMI-2
Lessons Learned Task Force Status Report and Short-term Recommendations". The

NRC has concluded that prompt implementation of the actions denominated "Category A" requirements at operating nuclear power plants is necessary to provide ^{continued assurance of public} ~~adequate protection for the health and safety of the public~~. These "Category A" requirements were transmitted to all licensees operating nuclear power plants by letter dated September 13, 1979. By letter to affected licensees dated October 30, 1979, further clarification of these requirements was provided.

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The Licensee has committed to implementation of each "Category A" requirement albeit not in all cases prior to January 31, 1980. NUREG-0578 and my letters of September 13 and October 30, 1979, which are hereby incorporated into this Order by reference, describe in detail the basis for implementing "Category A" requirements. The majority of licensees have committed to implement the "Category A" requirements by January 31, 1980 or the reactor will shutdown until such implementation is complete. However, other licensees have indicated that additional necessary equipment, which is on order, will be delivered after this date. Thirty days after delivery of equipment is a practical time period during which the equipment can be installed. Based on available information, all equipment should be delivered and capable of being installed by June 1, 1980. Licensees are required to meet the January 31, 1980 schedule unless they adequately demonstrate, in accordance with this Order, that delay based on equipment availability is justified. Available information

indicates that the Florida bulk power system is currently encountering reliability problems. In view of the potential adverse impact of multiple nuclear plant shutdowns on power reliability in the Southeastern Electric Reliability Council, I have determined that a two week extension to February 15, 1980, for nuclear facilities in this Council is justified to permit staggering of plant shutdowns. For reasons discussed, timely implementation of these requirements is necessary to provide continued assurance of public health and safety. Requirements should be satisfied as soon as practicable and in no instance shall a licensee with incomplete "Category A" actions continue operation beyond June 1, 1980.

IV

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED THAT the Licensee show cause, in the manner hereinafter provided, why it should not:

By February 15, 1980, implement all "Category A" requirements (except the requirement of 2.1.7.a of NUREG-0578) referred to in Part II of this Order, except those for which necessary equipment is shown, by appropriate and timely documentation, to be unavailable, or place and maintain its facilities in a cold shutdown or refueling mode of operation unless shutdown would severely impact the power reliability in the Florida subregion of the Southeastern Electric Reliability Council by requiring more than one nuclear plant within the subregion to be shutdown at the same time, as shown by appropriate and timely

documentation. "Category A" requirements not implemented by February 15, 1980, owing to the unavailability of necessary equipment shall be implemented within 30 days of the date such equipment becomes available. All "Category A" requirements must be implemented no later than June 1, 1980.

In view of the importance of the prompt implementation of "Category A" requirements to the health and safety of the public, I have determined that the public health, safety or interest requires that this Order be temporarily effective as of this date, pending further Order of the Commission.

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The Licensee may file a written answer to this Order under oath or affirmation within twenty (20) days of the date of the Order. The Licensee or any other person whose interest may be affected by this Order may request a hearing within twenty (20) days of the date of the Order. Any request for a hearing will not stay the temporary effectiveness of this Order. Any request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D. C., 20555. If a hearing is requested by a person whose interest may be affected by this Order, the Commission will issue an Order designating the time and place of any such hearing.

In light of the Licensee's expressed willingness to implement "Category A" requirements, except as indicated in Part III of this Order, in the event a hearing is requested, the issue to be considered at such hearing shall be: whether all "Category A" requirements (except the requirements of 2.1.7.a of NUREG-0578) should be implemented in accordance with the schedule prescribed by this Order.

Operation of the facility on terms consistent with this Order is not stayed by the pendency of any proceedings on the Order.

FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this Jan. day of December, 1979



Docket No.

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

ENCLOSURE 4
(Ocone 2 and 3)

Licensee

Dear Mr. :

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"Category B" lessons learned requirements, those scheduled for implementation by January 1, 1981, will be the subject of future correspondence.

A copy of this Order is being filed with the Office of the Federal Register for Publication.

Sincerely,

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosure:
Order to Show Cause

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

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Docket No.

ORDER TO SHOW CAUSE

I

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II

Following the Three Mile Island Unit 2 (TMI-2) accident on March 28, 1979, a TMI-2 Lessons Learned Task Force of the Nuclear Regulatory Commission (NRC) Staff conducted an intensive review of the design and operational aspects of nuclear power plants and the emergency procedures for coping with potential accidents. The Task Force identified measures to be taken in the short-term to reduce the likelihood of accidents and to improve emergency preparedness in responding to accidents. These measures are set forth in NUREG-0578, "TMI-2 Lessons Learned Task Force Status Report and Short-term Recommendations". The

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Operation of the facility on terms consistent with this Order is not stayed by the pendency of any proceedings on the Order.

FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this Jan. day of ~~December~~, 1979



Docket No.

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

ENCLOSURE 5
(San Onofre 1)

Licensee

Dear Mr. :

The Commission has issued the enclosed Show Cause Order for (plant) . Your submittals of (date) regarding implementation of the short-term lessons learned requirements indicate that you do not intend to implement some of the "Category A" requirements until after January 31, 1980. We have determined that implementation of the "Category A" requirements by January 31, 1980, is necessary to provide continued assurance of public health and safety.

The Show Cause Order requires that you implement, by January 31, 1980, the "Category A" requirements of NUREG-0578 regarding short-term lessons learned, as supplemented by our letters of September 13, and October 30, 1979; or show cause why you should not. Because this Order is immediately effective it also requires that the "Category A" requirements be implemented by January 31, 1980, or the plant be shut down. A provision regarding equipment availability and power reliability problems is included.

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A copy of this Order is being filed with the Office of the Federal Register for Publication.

Sincerely,

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Enclosure:
Order to Show Cause

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of

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Docket No.

ORDER TO SHOW CAUSE

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NRC has concluded that prompt implementation of the actions denominated "Category A" requirements at operating nuclear power plants is necessary to provide ^{Continued assurance of public} ~~adequate protection for the health and safety, of the public.~~ These "Category A" requirements were transmitted to all licensees operating nuclear power plants by letter dated September 13, 1979. By letter to affected licensees dated October 30, 1979, further clarification of these requirements was provided.

III

The Licensee has committed to implementation of each "Category A" requirement albeit not in all cases prior to January 31, 1980. NUREG-0578 and my letters of September 13 and October 30, 1979, which are hereby incorporated into this Order by reference, describe in detail the basis for implementing "Category A" requirements. The majority of licensees have committed to implement the "Category A" requirements by January 31, 1980 or the reactor will shutdown until such implementation is complete. However, other licensees have indicated that additional necessary equipment, which is on order, will be delivered after this date. Thirty days after delivery of equipment is a practical time period during which the equipment can be installed. Based on available information, all equipment should be delivered and capable of being installed by June 1, 1980. Licensees are required to meet the January 31, 1980 schedule unless they adequately demonstrate, in accordance with this Order, that delay based on equipment availability is justified. Available information

indicates that the Pacific Northwest region of the Western System Coordinating Council (WSCC) is currently encountering reliability problems. Because of the Pacific Northwest dependence on power imports from California, the potential adverse impact of shutdown of this facility on power reliability in the Pacific Northwest will be considered in the scheduling of a shutdown to implement the "Category A" requirements.

For reasons discussed, timely implementation of these requirements is necessary to provide continued assurance of public health and safety. Requirements should be satisfied as soon as practicable and in no instance shall a licensee with incomplete "Category A" actions continue operation beyond June 1, 1980.

IV

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, and the Commission's regulations in 10 CFR Parts 2 and 50, IT IS HEREBY ORDERED THAT the Licensee show cause, in the manner hereinafter provided, why it should not:

By January 31, 1980, implement all "Category A" requirements (except the requirement of 2.1.7.a of NUREG-0578) referred to in Part II of this Order, except those for which necessary equipment is shown, by appropriate and timely documentation, to be unavailable, or place and maintain its facilities in a cold shutdown or refueling mode of operation unless shutdown would severely impact the power reliability in the Pacific Northwest as determined by WSCC and documented by the licensee. "Category A" requirements not implemented by January 31, 1980,

owing to the unavailability of necessary equipment shall be implemented within 30 days of the date such equipment becomes available. All "Category A" requirements must be implemented no later than June 1, 1980.

In view of the importance of the prompt implementation of "Category A" requirements to the health and safety of the public, I have determined that the public health, safety or interest requires that this Order be temporarily effective as of this date, pending further Order of the Commission.

V

The Licensee may file a written answer to this Order under oath or affirmation within twenty (20) days of the date of the Order. The Licensee or any other person whose interest may be affected by this Order may request a hearing within twenty (20) days of the date of the Order. Any request for a hearing will not stay the temporary effectiveness of this Order. Any request for a hearing shall be addressed to the Director, Office of Nuclear Reactor Regulation, U. S. Nuclear Regulatory Commission, Washington, D. C., 20555. If a hearing is requested by a person whose interest may be affected by this Order, the Commission will issue an Order designating the time and place of any such hearing.

In light of the Licensee's expressed willingness to implement "Category A" requirements, except as indicated in Part III of this Order, in the event a hearing is requested, the issue to be considered at such hearing shall be: whether all "Category A" requirements (except the requirements of 2.1.7.a of NUREG-0578) should be implemented in accordance with the schedule prescribed by this Order.

Operation of the facility on terms consistent with this Order is not stayed by the pendency of any proceedings on the Order.

FOR THE NUCLEAR REGULATORY COMMISSION

Harold R. Denton, Director
Office of Nuclear Reactor Regulation

Dated at Bethesda, Maryland
this day of December, 1979

L I C E N S E E ' S S U B M I T T A L S

LESSONS LEARNED SUBMITTALS

WESTINGHOUSE PLANTS

<u>PLANT</u>	<u>SUBMITTAL DATES</u>
Farley 1	10/24/79 11/21/79
Turkey Point 3 & 4	10/22/79 11/21/79
Prairie Island 1 & 2	10/17/79 11/20/79 12/14/79
R. E. Ginna	10/17/79 11/19/79 12/13/79
Indian Point 2	10/17/79 11/20/79 12/07/79 12/17/79
North Anna 1	10/24/79 11/26/79 12/17/79
D. C. Cook 1	10/24/79 11/26/79
Haddam Neck	10/18/79 11/21/79 11/30/79 12/07/79 12/12/79 12/13/79 12/14/79
Beaver Valley 1	10/22/79 11/30/79 12/17/79
Robinson 2	10/18/79 11/20/79 12/17/79
Yankee Rowe	10/18/79 11/19/79 12/06/79 12/07/79 12/14/79
San Onofre	10/17/79 11/08/79 10/22/79 11/21/79 12/14/79

WESTINGHOUSE PLANTS (continued)

<u>PLANT</u>	<u>SUBMITTAL DATES</u>	
Trojan	10/17/79	11/20/79 12/07/79
Kewaunee	10/19/79	11/20/79
Salem 1	10/12/79	11/23/79 12/14/79
Zion 1 & 2	10/18/79	11/21/79 11/30/79 12/03/79 12/17/79
Surry 1 & 2	10/24/79	11/26/79 12/17/79
Point Beach 1 & 2	10/20/79	11/27/79 12/17/79
Indian Point 3	10/22/79	11/21/79 12/04/79 12/10/79 12/17/79

GE BWRs
L² Implementation
Licensee Submittals

<u>Facility</u>	<u>Licensee Submittals</u>
Browns Ferry 1, 2, 3	10/17/79 11/16/79
Brunswick 1, 2	10/18/79 11/16/79 11/20/79 12/17/79
Cooper	10/17/79 11/20/79 12/3/79
Dresden 3	10/18/79 11/21/79 12/3/79 11/30/79 12/17/79
Duane Arnold	10/17/79 11/20/79
FitzPatrick	10/22/79 11/21/79
Hatch 1, 2	10/19/79 11/21/79
Monticello	10/17/79 11/20/79
Nine Mile Point	10/18/79 11/26/79
Peach Bottom 2, 3	10/17/79 11/21/79
Pilgrim 1	10/19/79 11/21/79
Quad Cities 1, 2	10/18/79 11/21/79 12/3/79 12/17/79

<u>Facility</u>	<u>Licensee Submittals</u>
Vermont Yankee	10/18/79 11/20/79 12/14/79
Humboldt Bay	10/19/79
Millstone 1	11/21/79 12/7/79 12/17/79
Oyster Creek	10/19/79 11/21/79
Big Rock	10/17/79 10/30/79 11/21/79 12/17/79
Dresden 1, 2	10/18/79 11/21/79 12/3/79 12/17/79

LESSONS LEARNED SUBMITTALS

CE PLANTS AND FT. ST. VRAIN

<u>PLANT</u>	<u>SUBMITTAL DATES</u>	
ANO-2	10/17/79	12/05/79
	11/20/79	12/17/79
CALVERT CLIFFS 1 & 2	10/19/79	11/23/79 (AFW)
	11/09/79 (AFW)	12/05/79
	11/20/79	12/13/79 (AFW)
		12/14/79
FT. CALHOUN	10/25/79	12/17/79
	11/27/79	
MAINE YANKEE	10/18/79	12/07/79
	11/19/79 (2)	12/10/79
	11/20/79 (AFW)	12/17/79
MILLSTONE 2	10/18/79	12/06/79 (AFW)
	11/21/79	12/07/79 (2)
	11/28/79 (AFW)	12/10/79
	11/30/79 (AFW)	12/17/79
ST. LUCIE 1	10/22/79	
	11/21/79	
PALISADES	10/17/79	12/11/79 (AFW)
	11/21/79	12/17/79
FT. ST. VRAIN	10/17/79	12/12/79 (2)
	10/29/79	

LESSONS LEARNED SUBMITTALS

B&W PLANTS & LACROSSE

<u>PLANT</u>	<u>SUBMITTAL DATES</u>
Oconee 1, 2 & 3	10/18/79 11/21/79 11/27/79 12/17/79
ANO-1	10/17/79 11/20/79 12/05/79 12/17/79
Davis-Besse 1	10/23/79 11/21/79
Crystal River 3	10/17/79 11/17/79
Rancho Seco	10/18/79 11/19/79 11/26/79
LaCrosse	11/05/79 12;06/79

PLANT LISTING OF ACTIONS
REQUIRED

THE FOLLOWING PLANTS
HAVE BEEN SENT
CONFIRMATORY LETTERS

DRESDEN 2

DRESDEN 3

QUAD CITIES 1

QUAD CITIES 2

OCONEE 1

BROWNS FERRY 3

ZION 1

ZION 2

INDIAN POINT 2

SURRY 2

SALEM 1

POINT BEACH 1

POINT BEACH 2

TROJAN

BEAVER VALLEY

MILLSTONE 2

MILLSTONE 1

PALISADES

INDIAN POINT 3

BRUNSWICK 1

BRUNSWICK 2

BIG ROCK POINT

TURKEY POINT 3

DRESDEN 1

INDIAN POINT 1

HUMBOLDT BAY

ROBINSON 2

HATCH 1

BROWNS FERRY 2

THE FOLLOWING PLANTS SHOULD RECEIVE
THE CONFIRMATORY ORDER (ENCLOSURE 1)

BROWNS FERRY 1

OYSTER CREEK

FITZPATRICK

FORT CALHOUN

MAINE YANKEE

ANO-2

NORTH ANNA 1

SURRY 1

PRAIRIE ISLAND 1

PRAIRIE ISLAND 2

ANO-1

NINE MILE

PILGRIM

PEACH BOTTOM 2

PEACH BOTTOM 3

THE FOLLOWING PLANTS SHOULD RECEIVE
THE ORDER TO SHOW CAUSE (ENCLOSURE 2)

DUANE ARNOLD

RANCHO SECO

MONTICELLO

OCONEE 2

FARLEY

COOPER

DAVIS-BESSE

YANKEE ROWE

COOK 1

CALVERT CLIFFS 1

COOK 2

CALVERT CLIFFS 2

OCONEE 3

KEWAUNEE

LACROSSE

GINNA

HADDAM NECK

VERMONT YANKEE

HATCH 2

THE FOLLOWING PLANTS SHOULD RECEIVE
THE ORDER TO SHOW CAUSE (ENCLOSURE 3)

CRYSTAL RIVER 3

TURKEY POINT 4

ST. LUCIE

THE FOLLOWING PLANTS SHOULD RECEIVE
THE ORDER TO SHOW CAUSE (ENCLOSURE 4)

OCONEE 2

OCONEE 3

THE FOLLOWING PLANT SHOULD RECEIVE
THE ORDER TO SHOW CAUSE (ENCLOSURE 5)

SAN ONOFRE 1