

Docket Nos. 50-259
and 50-260

Distribution:

- Docket File
- NRC PDR
- Local PDR
- ORB #2 rdg
- D. Eisenhut
- J. Olshinski
- S. Norris
- OELD
- OI&E (3)
- G. Deegan (8)
- ACRS (10)
- OPA
- NSIC
- TERA
- SECY

- R. Diggs
- J. Heltemes, AEOD
- R. J. Clark

April 8, 1981

Mr. Hugh G. Parris
 Manager of Power
 Tennessee Valley Authority
 500A Chestnut Street, Tower II
 Chattanooga, Tennessee 37401

Dear Mr. Parris:

SUBJECT: ORDERS FOR MODIFICATION OF LICENSE CONCERNING BWR SCRAM
 DISCHARGE SYSTEMS



We have completed our review of your letter dated March 10, 1981, requesting an extension of the implementation dates required by our Orders for Modification of License for Browns Ferry Units No. 1 and 2 dated January 9, 1981. The Orders required that the automatic air header dump system be installed by April 9, 1981. For Unit 1, you requested a one day extension to permit the air dump system to be installed during the refueling outage which is currently scheduled to start April 10, 1981. For Unit 2, you requested approximately an 8 day extension, since Unit 2 is currently scheduled to shutdown on April 17, 1981 to modify the Units 1 and 2 electrical systems.

Small extensions of the implementation date have been found to be acceptable for good cause. (Reference Supplement 1 to Generic SER dated January 23, 1981.)

This letter transmits Orders for Modification of License which modify the Orders issued January 9, 1981 to change the required implementation dates for installation of the automatic air header dump system at Browns Ferry Units No. 1 and 2 to before startup following the outages currently scheduled to April 10, 1981 and April 17, 1981, respectively, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed.

A copy of the Orders is being filed with the Office of the Federal Register for publication.

Sincerely,
 Original Signed by
 T. A. Ippolito

Thomas A. Ippolito, Chief
 Operating Reactors Branch #2
 Division of Licensing

*no legal objections
 OELD the fish
 4/7/81*

104530 174

Enclosure: 6
Orders

DL:ORB#2
 TAIppolito
 3/25/81

cc. w/enc1: See next page	DL:ORB#2 SNorris 3/24/81	DL:ORB#2 RJClark 3/25/81	DL:OR TMoyak 3/15/81	DL:O DGEisenhut 4/7/81	NRR EGCase/ HRBenton 3/1/81
------------------------------	--------------------------------	--------------------------------	----------------------------	------------------------------	--------------------------------------

Docket Nos. 50-259
and 50-260

Distribution:

Docket File R. Diggs
NRC PDR J. Heltemes, AEOD
Local PDR R. J. Clark

ORB #2 rdg
D. Eisenhut
J. Olshinski
S. Norris

April 8, 1981

Mr. Hugh G. Parris
Manager of Power
Tennessee Valley Authority
500A Chestnut Street, Tower II
Chattanooga, Tennessee 37401

OELD
OI&E (3)
G. Deegan (8)
ACRS (10)
OPA
NSIC
TERA
SECY

Dear Mr. Parris:

SUBJECT: ORDERS FOR MODIFICATION OF LICENSE CONCERNING BWR SCRAM
DISCHARGE SYSTEMS

We have completed our review of your letter dated March 10, 1981, requesting an extension of the implementation dates required by our Orders for Modification of License for Browns Ferry Units No. 1 and 2 dated January 9, 1981. The Orders required that the automatic air header dump system be installed by April 9, 1981. For Unit 1, you requested a one day extension to permit the air dump system to be installed during the refueling outage which is currently scheduled to start April 10, 1981. For Unit 2, you requested approximately an 8 day extension, since Unit 2 is currently scheduled to shutdown on April 17, 1981 to modify the Units 1 and 2 electrical systems.

Small extensions of the implementation date have been found to be acceptable for good cause. (Reference Supplement 1 to Generic SER dated January 23, 1981.)

This letter transmits Orders for Modification of License which modify the Orders issued January 9, 1981 to change the required implementation dates for installation of the automatic air header dump system at Browns Ferry Units No. 1 and 2 to before startup following the outages currently scheduled to April 10, 1981 and April 17, 1981, respectively, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed.

A copy of the Orders is being filed with the Office of the Federal Register for publication.

Sincerely,

Original Signed by
T. A. Ippolito

Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Orders

DL:ORB#2
TAIppolito

OELD

3/ /81

3/ /81

▶	cc w/enc1: See next page	DL:ORB#2	DL:ORB#2	DL:OR	DL:D	NRR
▶		SNorris	RJClark:ms	TJNovak	DGEisenhut	EGCase/ HRDenton
▶		3/.../81	3/.../81	3/.../81	3/.../81	3/.../81



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

April 8, 1981

Docket Nos. 50-259
and 50-260

Mr. Hugh G. Parris
Manager of Power
Tennessee Valley Authority
500A Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Dear Mr. Parris:

SUBJECT: ORDERS FOR MODIFICATION OF LICENSE CONCERNING BWR SCRAM
DISCHARGE SYSTEMS

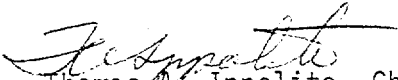
We have completed our review of your letter dated March 10, 1981, requesting an extension of the implementation dates required by our Orders for Modification of License for Browns Ferry Units No. 1 and 2 dated January 9, 1981. The Orders required that the automatic air header dump system be installed by April 9, 1981. For Unit 1, you requested a one day extension to permit the air dump system to be installed during the refueling outage which is currently scheduled to start April 10, 1981. For Unit 2, you requested approximately an 8 day extension, since Unit 2 is currently scheduled to shutdown on April 17, 1981 to modify the Units 1 and 2 electrical systems.

Small extensions of the implementation date have been found to be acceptable for good cause. (Reference Supplement 1 to Generic SER dated January 23, 1981.)

This letter transmits Orders for Modification of License which modify the Orders issued January 9, 1981 to change the required implementation dates for installation of the automatic air header dump system at Browns Ferry Units No. 1 and 2 to before startup following the outages currently scheduled to April 10, 1981 and April 17, 1981, respectively, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed.

A copy of the Orders is being filed with the Office of the Federal Register for publication.

Sincerely,


Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Orders

cc w/encl:
See next page

Mr. Hugh G. Parris

cc:

H. S. Sanger, Jr., Esquire
General Counsel
Tennessee Valley Authority
400 Commerce Avenue
E 11B 33C
Knoxville, Tennessee 37902

Mr. Ron Rogers
Tennessee Valley Authority
400 Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Mr. Charles R. Christopher
Chairman, Limestone County Commission
P. O. Box 188
Athens, Alabama 35611

Ira L. Myers, M.D.
State Health Officer
State Department of Public Health
State Office Building
Montgomery, Alabama 36104

Mr. H. N. Culver
249A HBD
400 Commerce Avenue
Tennessee Valley Authority
Knoxville, Tennessee 37902

Athens Public Library
South and Forrest
Athens, Alabama 35611

Director, Office of Urban & Federal
Affairs
108 Parkway Towers
404 James Robertson Way
Nashville, Tennessee 37219

Director, Criteria and Standards
Division
Office of Radiation Programs (ANR-460)
U. S. Environmental Protection Agency
Washington, D. C. 20460

U. S. Environmental Protection
Agency
Region IV Office
ATTN: EIS COORDINATOR
345 Courtland Street
Atlanta, Georgia 30308

Mr. Robert F. Sullivan
U. S. Nuclear Regulatory Commission
P. O. Box 1863
Decatur, Alabama 35602

Mr. John F. Cox
Tennessee Valley Authority
W9-D 207C
400 Commerce Avenue
Knoxville, Tennessee 37902

Mr. Herbert Abercrombie
Tennessee Valley Authority
P. O. Box 2000
Decatur, Alabama 35602

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	}	
TENNESSEE VALLEY AUTHORITY	}	Docket No. 50-259
(Browns Ferry Nuclear Plant, Unit	}	
No. 1)	}	

MODIFICATION OF JANUARY 9, 1981 ORDER REQUIRING
AN AUTOMATIC AIR HEADER DUMP SYSTEM

I.

The Tennessee Valley Authority (licensee) is the holder of Facility Operating License No. DPR-33 which authorizes the operation of the Browns Ferry Nuclear Plant, Unit No. 1, at steady state reactor power levels not in excess of 3293 megawatts thermal (rated power). The facility consists of a boiling water reactor located at the licensee's site in Limestone County, Alabama.

II.

On January 9, 1981 the Commission issued an Order modifying the license, effective immediately, requiring an operable automatic system to initiate control rod insertion at low pressure in the control air header. The Order, published in the Federal Register on January 28, 1981 (46 FR 9299) required the automatic air header dump system to be operable by April 9, 1981 or the facility be placed in cold shutdown within 72 hours. By letter dated March 10, 1981, the licensee requested an extension of the April 9, 1981, deadline to permit the air dump system to be installed during the refueling outage scheduled to begin April 10, 1981.

The requested extension of time is consistent with the intent of the January 9, 1981 Order to provide the required additional margin of safety within a short time period. Operation of the facility for a short additional period of time will not present an undue risk to the public health and safety. For Browns Ferry Unit No. 1, this additional period of time is projected to be only one day according to the refueling schedule.

III.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, including Sections 103 and 161i, and the Commission's rules and regulations in 10 CFR Parts 2 and 50, IT IS ORDERED that the April 9, 1981 completion date required in the January 9, 1981 "Order for Modification of License" be extended to "Before startup following the refueling outage currently scheduled to begin April 10, 1981, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed." The Order of January 9, 1981 except as modified herein remains in effect in accordance with its terms.

IV.

Any person whose interest may be affected by this Order may request a hearing within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing will not stay the effective date 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 and shall set forth with particularity the nature of the requestor's interest and the manner in which such interest may be affected by this Order. A copy of the request should also be sent

to the Executive Legal Director, U. S. Nuclear Regulatory Commission,
Washington, D. C. 20555.

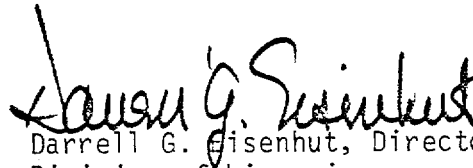
V.

If a hearing is held concerning this Order, the issue to be considered
at the hearing shall be:

Whether the completion date for the automatic air header dump system
required by the January 9, 1981 Order for Modification of License, be
extended to "before startup following the refueling outage currently scheduled
to begin April 10, 1981, but in no case shall operation continue beyond
May 1, 1981 without the automatic system installed."

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



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

Effective Date: April 8, 1981
Bethesda, Maryland

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
TENNESSEE VALLEY AUTHORITY)	Docket No. 50-260
(Browns Ferry Nuclear Plant, Unit)	
No. 2))	

MODIFICATION OF JANUARY 9, 1981 ORDER REQUIRING
AN AUTOMATIC AIR HEADER DUMP SYSTEM

I.

The Tennessee Valley Authority (licensee) is the holder of Facility Operating License No. DPR-52 which authorizes the operation of the Browns Ferry Nuclear Plant, Unit No. 2, at steady state reactor power levels not in excess of 3293 megawatts thermal (rated power). The facility consists of a boiling water reactor located at the licensee's site in Limestone County, Alabama.

II.

On January 9, 1981 the Commission issued an Order modifying the license, effective immediately, requiring an operable automatic system to initiate control rod insertion at low pressure in the control air header. The Order, published in the Federal Register on January 28, 1981 (46 FR 9301) required the automatic air header dump system to be operable by April 9, 1981 or the facility be placed in cold shutdown within 72 hours. By letter dated March 10, 1981, the licensee requested an extension of the April 9, 1981 deadline to permit the air dump system to be installed during the maintenance outage scheduled to begin April 17, 1981.

The requested extension of time is consistent with the intent of the January 9, 1981 Order to provide the required additional margin of safety within a short time period. Operation of the facility for a short additional period of time will not present an undue risk to the public health and safety. For Browns Ferry Unit No. 2, this additional period of time is projected to be 8 days according to the maintenance outage schedule.

III.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, including Sections 103 and 161i, and the Commission's rules and regulations, in 10 CFR Parts 2 and 50, IT IS ORDERED that the April 9, 1981 completion date required in the January 9, 1981 "Order for Modification of License" be extended to "Before startup following the maintenance outage currently scheduled to begin April 17, 1981, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed." The Order of January 9, 1981 except as modified herein remains in effect in accordance with its terms.

IV.

Any person whose interest may be affected by this Order may request a hearing within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing will not stay the effective date 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, and shall set forth with particularity the nature of the requestor's interest and the manner in which such interest may be affected by this Order. A copy of the request should also be sent to the

Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington,
D. C. 20555.

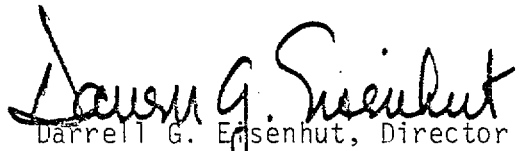
V.

If a hearing is held concerning this Order, the issue to be considered
at the hearing shall be:

Whether the completion date for the automatic air header dump system
required by the January 9, 1981 Order for Modification of License, be
extended to "before startup following the maintenance outage currently
scheduled to begin April 17, 1981, but in no case shall operation continue
beyond May 1, 1981 without the automatic system installed."

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



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

Effective Date: April 8, 1981
Bethesda, Maryland



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

April 8, 1981

Docket Nos. 50-259
and 50-260

Mr. Hugh G. Parris
Manager of Power
Tennessee Valley Authority
500A Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Dear Mr. Parris:

SUBJECT: ORDERS FOR MODIFICATION OF LICENSE CONCERNING BWR SCRAM
DISCHARGE SYSTEMS

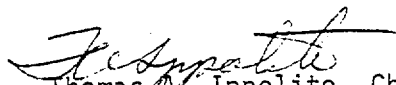
We have completed our review of your letter dated March 10, 1981, requesting an extension of the implementation dates required by our Orders for Modification of License for Browns Ferry Units No. 1 and 2 dated January 9, 1981. The Orders required that the automatic air header dump system be installed by April 9, 1981. For Unit 1, you requested a one day extension to permit the air dump system to be installed during the refueling outage which is currently scheduled to start April 10, 1981. For Unit 2, you requested approximately an 8 day extension, since Unit 2 is currently scheduled to shutdown on April 17, 1981 to modify the Units 1 and 2 electrical systems.

Small extensions of the implementation date have been found to be acceptable for good cause. (Reference Supplement 1 to Generic SER dated January 23, 1981.)

This letter transmits Orders for Modification of License which modify the Orders issued January 9, 1981 to change the required implementation dates for installation of the automatic air header dump system at Browns Ferry Units No. 1 and 2 to before startup following the outages currently scheduled to April 10, 1981 and April 17, 1981, respectively, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed.

A copy of the Orders is being filed with the Office of the Federal Register for publication.

Sincerely,


Thomas A. Ippolito, Chief
Operating Reactors Branch #2
Division of Licensing

Enclosure:
Orders

cc w/encl:
See next page

Mr. Hugh G. Parris

cc:

H. S. Sanger, Jr., Esquire
General Counsel
Tennessee Valley Authority
400 Commerce Avenue
E 11B 33C
Knoxville, Tennessee 37902

Mr. Ron Rogers
Tennessee Valley Authority
400 Chestnut Street, Tower II
Chattanooga, Tennessee 37401

Mr. Charles R. Christopher
Chairman, Limestone County Commission
P. O. Box 188
Athens, Alabama 35611

Ira L. Myers, M.D.
State Health Officer
State Department of Public Health
State Office Building
Montgomery, Alabama 36104

Mr. H. N. Culver
249A HBD
400 Commerce Avenue
Tennessee Valley Authority
Knoxville, Tennessee 37902

Athens Public Library
South and Forrest
Athens, Alabama 35611

Director, Office of Urban & Federal
Affairs
108 Parkway Towers
404 James Robertson Way
Nashville, Tennessee 37219

Director, Criteria and Standards
Division
Office of Radiation Programs (ANR-460)
U. S. Environmental Protection Agency
Washington, D. C. 20460

U. S. Environmental Protection
Agency
Region IV Office
ATTN: EIS COORDINATOR
345 Courtland Street
Atlanta, Georgia 30308

Mr. Robert F. Sullivan
U. S. Nuclear Regulatory Commission
P. O. Box 1863
Decatur, Alabama 35602

Mr. John F. Cox
Tennessee Valley Authority
W9-D 207C
400 Commerce Avenue
Knoxville, Tennessee 37902

Mr. Herbert Abercrombie
Tennessee Valley Authority
P. O. Box 2000
Decatur, Alabama 35602

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of)	
TENNESSEE VALLEY AUTHORITY)	Docket No. 50-259
(Browns Ferry Nuclear Plant, Unit)	
No. 1))	

MODIFICATION OF JANUARY 9, 1981 ORDER REQUIRING
AN AUTOMATIC AIR HEADER DUMP SYSTEM

I.

The Tennessee Valley Authority (licensee) is the holder of Facility Operating License No. DPR-33 which authorizes the operation of the Browns Ferry Nuclear Plant, Unit No. 1, at steady state reactor power levels not in excess of 3293 megawatts thermal (rated power). The facility consists of a boiling water reactor located at the licensee's site in Limestone County, Alabama.

II.

On January 9, 1981 the Commission issued an Order modifying the license, effective immediately, requiring an operable automatic system to initiate control rod insertion at low pressure in the control air header. The Order, published in the Federal Register on January 28, 1981 (46 FR 9299) required the automatic air header dump system to be operable by April 9, 1981 or the facility be placed in cold shutdown within 72 hours. By letter dated March 10, 1981, the licensee requested an extension of the April 9, 1981, deadline to permit the air dump system to be installed during the refueling outage scheduled to begin April 10, 1981.

The requested extension of time is consistent with the intent of the January 9, 1981 Order to provide the required additional margin of safety within a short time period. Operation of the facility for a short additional period of time will not present an undue risk to the public health and safety. For Browns Ferry Unit No. 1, this additional period of time is projected to be only one day according to the refueling schedule.

III.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, including Sections 103 and 161i, and the Commission's rules and regulations in 10 CFR Parts 2 and 50, IT IS ORDERED that the April 9, 1981 completion date required in the January 9, 1981 "Order for Modification of License" be extended to "Before startup following the refueling outage currently scheduled to begin April 10, 1981, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed." The Order of January 9, 1981 except as modified herein remains in effect in accordance with its terms.

IV.

Any person whose interest may be affected by this Order may request a hearing within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing will not stay the effective date 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 and shall set forth with particularity the nature of the requestor's interest and the manner in which such interest may be affected by this Order. A copy of the request should also be sent

to the Executive Legal Director, U. S. Nuclear Regulatory Commission,
Washington, D. C. 20555.

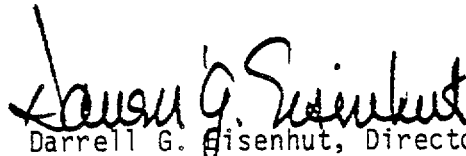
V.

If a hearing is held concerning this Order, the issue to be considered
at the hearing shall be:

Whether the completion date for the automatic air header dump system
required by the January 9, 1981 Order for Modification of License, be
extended to "before startup following the refueling outage currently scheduled
to begin April 10, 1981, but in no case shall operation continue beyond
May 1, 1981 without the automatic system installed."

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



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

Effective Date: April 8, 1981
Bethesda, Maryland

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

In the Matter of	}	Docket No. 50-260
TENNESSEE VALLEY AUTHORITY		
(Browns Ferry Nuclear Plant, Unit No. 2)		

MODIFICATION OF JANUARY 9, 1981 ORDER REQUIRING
AN AUTOMATIC AIR HEADER DUMP SYSTEM

I.

The Tennessee Valley Authority (licensee) is the holder of Facility Operating License No. DPR-52 which authorizes the operation of the Browns Ferry Nuclear Plant, Unit No. 2, at steady state reactor power levels not in excess of 3293 megawatts thermal (rated power). The facility consists of a boiling water reactor located at the licensee's site in Limestone County, Alabama.

II.

On January 9, 1981 the Commission issued an Order modifying the license, effective immediately, requiring an operable automatic system to initiate control rod insertion at low pressure in the control air header. The Order, published in the Federal Register on January 28, 1981 (46 FR 9301) required the automatic air header dump system to be operable by April 9, 1981 or the facility be placed in cold shutdown within 72 hours. By letter dated March 10, 1981, the licensee requested an extension of the April 9, 1981 deadline to permit the air dump system to be installed during the maintenance outage scheduled to begin April 17, 1981.

The requested extension of time is consistent with the intent of the January 9, 1981 Order to provide the required additional margin of safety within a short time period. Operation of the facility for a short additional period of time will not present an undue risk to the public health and safety. For Browns Ferry Unit No. 2, this additional period of time is projected to be 8 days according to the maintenance outage schedule.

III.

Accordingly, pursuant to the Atomic Energy Act of 1954, as amended, including Sections 103 and 161i, and the Commission's rules and regulations in 10 CFR Parts 2 and 50, IT IS ORDERED that the April 9, 1981 completion date required in the January 9, 1981 "Order for Modification of License" be extended to "Before startup following the maintenance outage currently scheduled to begin April 17, 1981, but in no case shall operation continue beyond May 1, 1981 without the automatic system installed." The Order of January 9, 1981 except as modified herein remains in effect in accordance with its terms.

IV.

Any person whose interest may be affected by this Order may request a hearing within 20 days of the date of publication of this Order in the Federal Register. Any request for a hearing will not stay the effective date 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, and shall set forth with particularity the nature of the requestor's interest and the manner in which such interest may be affected by this Order. A copy of the request should also be sent to the

Executive Legal Director, U. S. Nuclear Regulatory Commission, Washington,
D. C. 20555.

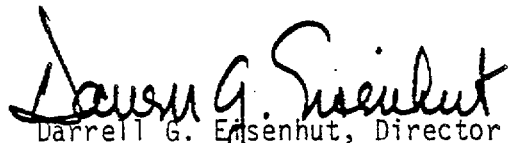
V.

If a hearing is held concerning this Order, the issue to be considered
at the hearing shall be:

Whether the completion date for the automatic air header dump system
required by the January 9, 1981 Order for Modification of License, be
extended to "before startup following the maintenance outage currently
scheduled to begin April 17, 1981, but in no case shall operation continue
beyond May 1, 1981 without the automatic system installed."

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



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

Effective Date: April 8, 1981
Bethesda, Maryland