

October 16, 1989

Docket No. 50-382

Mr. J. G. Dewease  
Senior Vice President - Nuclear Operations  
Louisiana Power and Light Company  
Post Office Box 60340  
New Orleans, Louisiana 70160

Dear Mr. Dewease:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS CONSIDERATION  
DETERMINATION AND OPPORTUNITY FOR HEARING (TAC NO. 75069)

By letter dated October 5, 1989, the Louisiana Power and Light Company submitted a proposed license amendment to Facility Operating License No. NPF-38 for the Waterford Steam Electric Station, Unit No. 3. The staff has prepared the subject notice which relates to the Technical Specifications for boron dilution.

The notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

original signed by D. Pickett for:  
Frederick J. Hebdon, Director  
Project Directorate IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

DISTRIBUTION:

Docket Files	DWigginton
NRC PDR	FHebdon
Local PDR	OGC
PD4 Reading	DHagan
GHolahan	GPA/PA
ADRN	ACRS(10)
PNoonan	Plant File

*CP-1*

OFC : PD4/LA	<i>PM</i> : PD4/PM	<i>DW</i> : PD4/D	:	:	:	:
NAME : PNoonan	: DWigginton	: FHebdon	:	:	:	:
DATE : 10/16/89	: 10/16/89	: 10/16/89	:	:	:	:

OFFICIAL RECORD COPY  
Document Name: WATERFORD EXIGENT NOTICE  
8910270158 891016  
PDR ADOCK 05000382  
P PUC

*DFO1  
11*



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

October 16, 1989

Docket No. 50-382

Mr. J. G. Dewease  
Senior Vice President - Nuclear Operations  
Louisiana Power and Light Company  
Post Office Box 60340  
New Orleans, Louisiana 70160

Dear Mr. Dewease:

SUBJECT: NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO FACILITY  
OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS CONSIDERATION  
DETERMINATION AND OPPORTUNITY FOR HEARING (TAC NO. 75069)

By letter dated October 5, 1989, the Louisiana Power and Light Company submitted a proposed license amendment to Facility Operating License No. NPF-38 for the Waterford Steam Electric Station, Unit No. 3. The staff has prepared the subject notice which relates to the Technical Specifications for boron dilution.

The notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

*Douglas V. Pickett for*

Frederick J. Hebdon, Director  
Project Directorate IV  
Division of Reactor Projects - III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc w/enclosure:  
See next page

Mr. Jerrold G. Dewease  
Louisiana Power & Light Company

Waterford 3

cc:

W. Malcolm Stevenson, Esq.  
Monroe & Leman  
201 St. Charles Avenue, Suite 3300  
New Orleans, Louisiana 70170-3300

Regional Administrator, Region IV  
U.S. Nuclear Regulatory Commission  
Office of Executive Director for  
Operations  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

Mr. E. Blake  
Shaw, Pittman, Potts & Trowbridge  
2300 N Street, NW  
Washington, D.C. 20037

Mr. William H. Spell, Administrator  
Nuclear Energy Division  
Office of Environmental Affairs  
Post Office Box 14690  
Baton Rouge, Louisiana 70898

Resident Inspector/Waterford NPS  
Post Office Box 822  
Killona, Louisiana 70066

Mr. Ralph T. Lally  
Manager of Quality Assurance  
Middle South Services, Inc.  
Post Office Box 61000  
New Orleans, Louisiana 70161

President, Police Jury  
St. Charles Parish  
Hahnville, Louisiana 70057

Chairman  
Louisiana Public Service Commission  
One American Place, Suite 1630  
Baton Rouge, Louisiana 70825-1697

William A. Cross  
Bethesda Licensing Office  
3 Metro Center  
Suite 610  
Bethesda, Maryland 20814

Mr. R. F. Burski  
Nuclear Safety and Regulatory Affairs Manager  
Louisiana Power & Light Company  
317 Baronne Street  
New Orleans, Louisiana 70112

UNITED STATES NUCLEAR REGULATORY COMMISSIONLOUISIANA POWER AND LIGHT COMPANYDOCKET NO. 50-382NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO  
FACILITY OPERATING LICENSE AND PROPOSED NO SIGNIFICANT HAZARDS  
CONSIDERATION DETERMINATION AND OPPORTUNITY FOR HEARING

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-38, issued to Louisiana Power and Light Company (the licensee), for operation of the Waterford Steam Electric Station, Unit No. 3 located in St. Charles Parish, Louisiana.

The amendment would revise the Technical Specification (TS) on boron dilution and charging pumps - operating to permit charging plant operation from Mode 3 to Mode 2 by deborating the reactor coolant system. This change corrects the actions required by License Amendment No. 48 issued on December 14, 1988 which are correct for startup by pulling control element assemblies but inadvertently precluded startup by deboration.

The conflict with the TS issued by Amendment No. 48, which would preclude reactor startup by deboration, was first discovered by reactor operators. Discussions within the licensee organization began on correcting the conflict by license amendment but no immediate urgency was deemed necessary. During a

8910270161 891016  
PDR ADOCK 05000382  
PDC

subsequent management review, the licensee staff learned that the upcoming startup following the ongoing refueling would use deboration to reach critically. This method is best for determining certain physics parameters for operation in Cycle 3 and 4. The licensee notified the NRC staff of the urgent need for the license amendment, arranged a special Safety Review Committee meeting to approve the request, and submitted the proposed TS change promptly thereafter. The licensee currently plans to enter Mode 2 on November 15, 1989 which will not allow the full 30 days for comments on the proposed action. A delay in issuing the amendment will, on the current restart schedule, delay the restart.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act) and the Commission's regulations.

The Commission has made a proposed determination that the amendment request involves no significant hazards consideration. Under the Commission's regulations in 10 CFR 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a margin of safety.

In order to perform reactor startup physics tests by deborating the reactor coolant system, the licensee must examine the current boron dilution analysis and assumptions. The current TS based on the approved analysis

assumes the dilution alarms are not operable and that an additional 30 minutes is required to analyze samples. This results in the requirement that charging pumps are not operating. However, for the reactor startup by deborating to occur, the charging pumps must be available. The licensee has chosen to revise the assumption for the approved boron dilution analysis to achieve pump operation; this condition would require the two dilution alarms to be operable. The TS change is to add a condition for dilution alarms and pumps operable. There is no change to the dilution analysis methods and all conservatisms and margins remain as before. The proposed change to the TS would also allow the plant to operate in the condition found acceptable before Amendment No. 48 was issued in December 1988.

The dilution analysis methods for Waterford 3 remain unchanged; the assumption for the analysis have been corrected for the case where dilution alarms and charging pumps are operable. The analysis results do not significantly change the conservatisms found acceptable for Waterford nor does the change in operation differ to any extent from that previously found acceptable. Therefore, the change does not involve a significant increase in the probability or consequences of an accident previously evaluated.

The proposed change will involve an operational condition for dilution alarms and pumps operable and this condition was found acceptable for Waterford 3 at startup. Therefore, the proposed change does not create the possibility of a new or different kind of accident from any previously evaluated.

The current analysis includes a 30 minute delay for coolant sample analysis because the dilution alarms are not operable. With the two dilution alarms operable, the 30 minutes is not required by the analysis. The proposed change is analyzed to the acceptable methods, therefore, it does not involve a significant reduction in a margin of safety.

Accordingly, the Commission proposes to determine that this change does not involve a significant hazards consideration.

The Commission is seeking public comments on this proposed determination. Any comments received within 15 days after the date of publication of this notice will be considered in making any final determination. The Commission will not normally make a final determination unless it receives a request for a hearing.

Written comments may be submitted by mail to the Regulatory Publications Branch, Division of Freedom of Information and Publications Services, Office of Administration, U. S. Nuclear Regulatory Commission, Washington, D.C. 20555, and should cite the publication date and page number of the FEDERAL REGISTER notice. Written comments may also be delivered to Room P-223, Phillips Building, 7920 Norfolk Avenue, Bethesda, Maryland, from 7:30 a.m. to 4:15 p.m. Copies of written comments received may be examined at the NRC Public Document Room, the Gelman Building, 2120 L Street, NW, Washington, D.C. The filing of requests for hearing and petitions for leave to intervene is discussed below.

By November 7, 1989 , the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding

and who wishes to participate as a party in the proceeding must file a written request for hearing and a petition for leave to intervene. Requests for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rule of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. Interested persons should consult a current copy of 10 CFR 2.714 which is available at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555 and at the Local Public Document Room located at The University of New Orleans Library, Louisiana Collection, Lakefront, New Orleans, Louisiana 70122.

If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition; and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the

specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to fifteen (15) days prior to the first pre-hearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than fifteen (15) days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter. Each contention must consist of a specific statement of the issue of law or fact to be raised or controverted. In addition, the petitioner shall provide a brief explanation of the bases of the contention and a concise statement of the alleged facts or expert opinion which support the contention and on which the petitioner intends to rely in proving the contention at the hearing. The petitioner must also provide references to those specific sources and documents of which the petitioner is aware and on which the petitioner intends to rely to establish those facts or expert opinion. Petitioner must provide sufficient information to show that a genuine dispute exists with the applicant on a material issue of law or fact. Contentions shall be limited to matters within the scope of the amendments under consideration. The contention must be one which, if proven, would entitle the petitioner to relief. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

If the amendment is issued before the expiration of 30-days, the Commission will make a final determination on the issue of no significant hazards considerations. If a hearing is requested, the final determination will serve to decide when the hearing is held.

If the final determination is that the amendment request involves no significant hazards consideration, the Commission may issue the amendment and make it effective, notwithstanding the request for a hearing. Any hearing held would take place after issuance of the amendment.

If the final determination is that the amendment request involves significant hazards considerations, any hearing held would take place before the issuance of any amendment.

Normally, the Commission will not issue the amendment until the expiration of the 15-day notice period. However, should circumstances change during the notice period, such that failure to act in a timely way would result, for example, in derating or shutdown of the facility, the Commission may issue the license amendment before the expiration of the 15-day notice period, provided that its final determination is that the amendment involves no significant hazards considerations. The final determination will consider all public and State

comments received. Should the Commission take this action, it will publish a notice of issuance. The Commission expects that the need to take this action will occur very infrequently.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at 1-(800) 325-6000 (in Missouri 1-(800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to Frederick J. Hebdon: petitioner's name and telephone number; date petition was mailed; plant name; and publication date and page number of this FEDERAL REGISTER notice. A copy of the petition should also be sent to the Office of the General Counsel, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Bruce W. Churchill, Esq., Shaw, Pittman, Potts and Trowbridge, 2300 N St., N.W., Washington, D.C. 20037, attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the presiding Atomic

Safety and Licensing Board that the petition and/or request should be granted based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(i)-(v) and 2.714(d).

For further details with respect to this action, see the application for amendment dated October 5, 1989, which is available for public inspection at the Commission's Public Document Room, the Gelman Building, 2120 L Street, N.W., Washington, D.C. 20555, and at the Local Public Document Room, University of New Orleans Library, Louisiana Collection, Lakefront, New Orleans, Louisiana 70122.

Dated at Rockville, Maryland, this 16th day of October 1989.

FOR THE NUCLEAR REGULATORY COMMISSION



David L. Wigginton, Project Manager  
Project Directorate IV  
Division of Reactor Projects - III  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation