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JVan Vliet  
GLainas  
HDenton

\*w/cy of NSHC determination

DOCKET NO(S). 50-289  
Mr. Henry D. Hukill  
Vice President  
GPU Nuclear Corporation  
P. O. Box 480  
Middletown, Pennsylvania 17057

SUBJECT: THREE MILE ISLAND NUCLEAR STATION, UNIT NO. 1

The following documents concerning our review of the subject facility are transmitted for your information.

- Notice of Receipt of Application.
- Draft/Final Environmental Statement, dated \_\_\_\_\_.
- Notice of Availability of Draft/Final Environmental Statement, dated \_\_\_\_\_.
- Safety Evaluation Report, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
- Notice of Hearing on Application for Construction Permit.
- Notice of Consideration of Issuance of Facility Operating License.
- Application and Safety Analysis Report, Volume \_\_\_\_\_.
- Amendment No. \_\_\_\_\_ to Application/SAR dated \_\_\_\_\_.
- Construction Permit No. CPPR- \_\_\_\_\_, Amendment No. \_\_\_\_\_, dated \_\_\_\_\_.
- Facility Operating License No. \_\_\_\_\_, Amendment No. \_\_\_\_\_, dated \_\_\_\_\_.
- Order Extending Construction Completion Date, dated \_\_\_\_\_.

Other (Specify) Notice of Consideration of Issuance of Amendment To Facility Operating License and Proposed No Significant Hazards Consideration Determination and Opportunity for Hearing regarding January 21, 1983, amendment application to permit increasing High Pressure Injection and Low Pressure Injection setpoints.

Original signed by  
Office of Nuclear Reactor Regulation  
James Van Vliet, Project Manager  
Operating Reactors Branch #4  
Division of Licensing

Enclosures:  
As stated

CC:

8308080037 830713  
PDR ADCK 05000289  
P PDR

*subject to change until after FR meeting  
Chge. made 6/29/83 - Jv*

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SURNAME	RIgram	JVanVliet	cf JStolz	GLainas	DEisenhut		
DATE	6/20/83	6/20/83	6/21/83	6/30/83	8/1/83		

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Washington, D. C. 20555

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\*Judge Reginald L. Gotchy  
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U.S. Nuclear Regulatory Commission  
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Harrisburg, Pennsylvania 17101

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Washington, D. C. 20006

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Union of Concerned Scientists  
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Washington, D. C. 20036

\* Gary J. Edles, Chairman  
Atomic Safety & Licensing Appeal  
Board  
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\* Dr. John H. Buck  
Atomic Safety & Licensing Appeal  
Board  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555



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

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RIngram

July 13, 1983

Docket No. 50-289

Docketing and Service Section  
Office of the Secretary of the Commission

SUBJECT: THREE MILE ISLAND NUCLEAR STATION, UNIT NO. 1

Two signed originals of the Federal Register Notice identified below are enclosed for your transmittal to the Office of the Federal Register for publication. Additional conformed copies ( 6 ) of the Notice are enclosed for your use.

- Notice of Receipt of Application for Construction Permit(s) and Operating License(s).
- Notice of Receipt of Partial Application for Construction Permit(s) and Facility License(s): Time for Submission of Views on Antitrust Matters.
- Notice of Availability of Applicant's Environmental Report.
- Notice of Proposed Issuance of Amendment to Facility Operating License. \*
- Notice of Receipt of Application for Facility License(s); Notice of Availability of Applicant's Environmental Report; and Notice of Consideration of Issuance of Facility License(s) and Notice of Opportunity for Hearing.
- Notice of Availability of NRC Draft/Final Environmental Statement.
- Notice of Limited Work Authorization.
- Notice of Availability of Safety Evaluation Report.
- Notice of Issuance of Construction Permit(s).
- Notice of Issuance of Facility Operating License(s) or Amendment(s).
- Other: \*Please insert date on the 3rd page, 3rd paragraph of this notice for a 30-day intervention period, call Pam on extension 28960 to inform her of the date inserted.

Referenced documents have been provided PDR.

Division of Licensing, ORB#4  
Office of Nuclear Reactor Regulation

Enclosure:  
As Stated

OFFICE →	ORB #4 : DL					
SURNAME →	<i>Pam</i> RIngram					
DATE →	7/14/83					

cc w/incoming dated: 11/83  
Mr. Thomas Gerusky  
Bureau of Radiation Protection  
Department of Environmental Resources  
P. O. Box 2063  
Harrisburg, Pennsylvania 17120

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Citizens for a Safe Environment  
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Lemoyne, Pennsylvania 17043

Mr. David D. Maxwell, Chairman  
Board of Supervisors  
Londonderry Township  
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Regional Radiation Representative  
EPA Region III  
Curtis Building (Sixth Floor)  
6th and Walnut Streets  
Philadelphia, Pennsylvania 19106

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Senior Resident Inspector (TMI-1)  
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Federal Emergency Management Agency  
ATTN: Docket Clerk  
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Preparedness  
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Harrisburg, Pennsylvania 17101

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Middletown, Pennsylvania 17057

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
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Bethesda, Maryland 20814

Mr. C. W. Smyth  
Supervisor of Licensing TMI-1  
GPU Nuclear Corporation  
P. O. Box 480  
Middletown, Pennsylvania 17057

Governor's Office of State Planning  
and Development  
ATTN: Coordinator, Pennsylvania  
State Clearinghouse  
P. O. Box 1323  
Harrisburg, Pennsylvania 17120

UNITED STATES NUCLEAR REGULATORY COMMISSIONMETROPOLITAN EDISON COMPANYJERSEY CENTRAL POWER AND LIGHT COMPANYPENNSYLVANIA ELECTRIC COMPANYGPU NUCLEAR CORPORATIONDOCKET NO: -50-289NOTICE 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. DPR-50, issued to Metropolitan Edison Company, Jersey Central Power and Light Company, Pennsylvania Electric Company, and GPU Nuclear Corporation (the licensees), for operation of the Three Mile Island Nuclear Station, Unit No. 1 (the facility) located in Dauphin County, Pennsylvania.

In accordance with the licensees' application for amendment dated January 21, 1983, the amendment would permit increasing by 50 psig, the Reactor Coolant System pressure at or below which the High Pressure Injection (from 1725 psig to 1775 psig), Low Pressure Injection (from 875 psig to 925 psig), and Reactor Building isolation (from 1725 psig to 1775 psig) actuation signals may be bypassed during plant cooldown and depressurization. The setpoints for actuation of these systems during operation and the Reactor Coolant System pressure above which the bypass is automatically removed (when system pressure is increasing) remain unchanged.

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.

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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.

The proposed amendment would not involve a significant increase in the probability or consequences of an accident previously evaluated since the increase of 50 psi in the level at which the signals may be bypassed represents only a slight increase in the risk of a loss of coolant event occurring while the signals are bypassed and corresponds only to a slightly earlier time in normal plant cooldown, thus, only slightly higher decay heat generation. The proposed amendment would not create the possibility of a new or different kind of accident from any previously evaluated since bypassing of these signals upon plant cooldown is presently permitted by the Technical Specifications and is required to prevent undesired actuation of the systems during normal cooldown. The proposed amendment would not involve a change in any margin of safety.

The proposed amendment should further reduce the possibility of spurious system actions since it will provide operating personnel with additional time in which to bypass the automatic initiation signals during normal plant cooldown and depressurization.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 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.

Comments should be addressed to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attn: Docketing and Service Branch.

By August 22, 1983 , the licensees 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 petition for leave to intervene. Request for a hearing and petitions for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. 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 prehearing 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, and the bases for each contention set forth with reasonable specificity. Contentions shall be limited to matters within the scope of the amendment under consideration. 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 a hearing is requested, the Commission will make a final determination on the issue of no significant hazards consideration. 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 involves a significant hazards consideration, 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 30-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 30-day notice period, provided that its final determination is that the amendment involves no significant hazards consideration. The final determination will consider all public and State comments received. Should the Commission take this action, it will publish a notice of issuance and provide for opportunity for a hearing after 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,

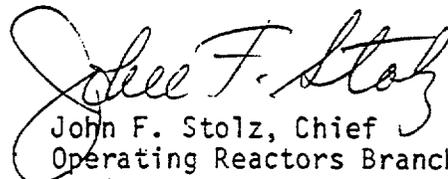
Washington, D.C. 20555, Attention: Docketing and Service Branch, or may be delivered to the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., by the above date. Where petitions are filed during the last ten (10) days of the notice period, it is requested that the petitioner promptly so inform the Commission by a toll-free telephone call to Western Union at (800) 325-6000 (in Missouri (800) 342-6700). The Western Union operator should be given Datagram Identification Number 3737 and the following message addressed to John F. Stolz: 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 Executive Legal Director, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, and to Shaw, Pittman, Potts, and Trowbridge, 1800 M Street, N.W., Washington, D.C. 20036, attorney for the licensees.

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 Atomic Safety and Licensing Board designated to rule on the petition and/or request, that the petitioner has made a substantial showing of good cause for the granting of a late petition and/or request. That determination will be 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 which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C., and at the Government Publications Section, State Library of Pennsylvania, Education Building, Commonwealth and Walnut Streets, Harrisburg, Pennsylvania 17126.

Dated at Bethesda, Maryland, this 13th day of July 1983.

FOR THE NUCLEAR REGULATORY COMMISSION

A handwritten signature in cursive script, reading "John F. Stolz". The signature is written in dark ink and is positioned above the typed name and title.

John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing