GPU Nuclear

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Chief, Vendor Inspection Branch
Division of Reactor Inspection and Licensee Performance
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Gentlemen:

Subject: Oyster Creek Nuclear Generating Station (OCNGS)
          Docket No. 50-219
          Facility Operating License No. DPR-16

          Three Mile Island Nuclear Station, Unit 1 (TMI-1)
          Docket No. 50-289
          Facility Operating License No. DPR-50

          Disposition of Error Notices Received from Boeing
          Computer Services

Reference: (1) NRC Letter dated December 16, 1993,
                  "Disposition of Error Notices Received from Boeing
                  Computer Services."

The Reference 1 letter requested that GPU Nuclear provide a summary of
evaluations and responses to the error notices received from Boeing Computer
Services (BCS). A listing of BCS error notices entitled "Nuclear Error Notice
Log Since Commercial Contract Termination (December, 1990)" was provided.

GPU Nuclear has not used BCS since 1984. Use of BCS by GPU Nuclear was
limited to the Engineering Mechanics group. Review of all error notices,
including those from BCS, is conducted at the time of receipt by all engineers
in Engineering Mechanics for assessment of impact on any current or past work.
None of the subject error notices were found to affect any current or past
work and had no safety significance for GPU Nuclear applications. Based upon
the Reference 1 request, Engineering Mechanics conducted an additional review
of the subject error notices. The results of this latest review are provided
in Attachment I.

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If you have any questions or comments on this submittal, please cont ct Mr.
Michael Laggart, Manager, Corporate Nuclear Licensing at (201) 316-7968.

Very truly yours,

R. W. Keaten
Vice President and Director
Technical Functions

cc: Document Control Desk
    Administrator, Region 1
    Oyster Creek Senior Resident Inspector
    Oyster Creek NRC Project Manager
    TMI Senior Resident Inspector
    TMI NRC Project Manager

ATTACHMENT I

NUPIPE (Quadrex Error Notices)

GPU Nuclear has never used NUPIPE.

AN   (SAS Error Notices)

GPU Nuclear has not used ANSYS through Boeing Computer Services since 1984. The latest version of the program used by GPU Nuclear was, therefore, version 4.0. The 53 error notices applicable to ANSYS can be characterized as follows:

- Do not affect anal lts (e.g. abort, enter endless loo	= 43
- Apply only to versions not used by GPU Nuclear	= 6
- Remaining	= 4

These 4 error notices (SAS 91-31, 91-33, 92-31 and 92-44) involve conditions and elements which have limited use for Engineering Mechanics. None of these error notices were found to affect any current or past work and   no safety significance for GPU Nuclear applications.

GTSTRUDL (GT Error Notices)

GPU Nuclear has not used GTSTRUDL through Boeing Computer Services since 1984. The latest version of the program used by GPU Nuclear was, therefore, version 85.05. The 55 error notices applicable to GTSTRUDL can be characterized as follows:

- Do not affect analysis results (e.g. abort, enter endless loops)	= 28
- Apply only to versions not used by GPU Nuclear	= 7
- Remaining	= 20

These 20 error notices (GT 91.34, 91.43, 91.48, 92.02, 92.05, 92.08, 92.11, 92.12, 92.15, 92.17, 92.19, 92.20, 93.01, 93.02, 93.04, 93.06, 93.09, 93.10, 93.12 and 93.13) involve a large range of potential errors and are difficult to generalize. However these 20 notices, as are all error notices received from any computer service or any other source, were reviewed by all engineers in Engineering Mechanics at the time of receipt to assess the error notice's impact on any current or past work. None of these error notices were found to affect any current or past work and had no safety significance for GPU Nuclear applications.

Note: All error notice assessments are further supplemented by an independent review for reasonableness of results conducted for every GPU Nuclear calculation.