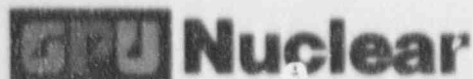


CORRECTED COPY



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October 7, 1991
C311-91-2123

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Dear Sir:

Subject: Three Mile Island Nuclear Station, Unit 1 (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Request for Authorization for Use of the 1989 Edition of the
ASME Code for Automatic Welding of Steam Generator Tube Plugs

Babcock and Wilcox Nuclear Services Company (BWNS) has designed a steam generator plug made of Alloy 690 material and developed a welding technique to meet the requirements of the 1989 Edition of the ASME Code Sections III and XI. The 1989 Code Edition has not yet been approved for use by the NRC. However, in a Federal Register Notice published on January 30, 1991, the NRC proposes to amend 10 CFR 50.55a to incorporate all Editions and Addenda thru the 1989 Edition of Section III and XI in a final rule scheduled for issuance in December 1991. The purpose of this letter is to request approval for the use of the 1989 Edition of Sections III and XI of the ASME Code to allow installation of plugs conforming to the BWNS plug design and welding technique. This request for approval is limited to this specific application rather than use of the later Code Edition on a broader basis.

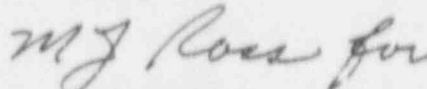
NRC approval for TMI-1's use of plugs manufactured with Alloy 690 material has been granted in a letter dated February 9, 1990. The BWNS technique based on the 1989 Code utilizes a high integrity remote plug welding process which offers the benefit of lower personnel radiation exposure. GPU Nuclear

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requests the expeditious approval of this request because it may be necessary and advantageous to use the BWNS remote welded plug during the current refueling outage which began on September 27, 1991.

Sincerely,

A handwritten signature in cursive script, appearing to read "T. G. Broughton for".

T. G. Broughton
Vice President & Director, TMI-1

EJP

cc: Administrator, Region I
TMI Senior Resident Inspector
TMI-1 Senior Project Manager