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 BOUCHEY, G.D. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Documents NRC approval of ASME Code Case N-328, "Thermit
 Brazing or Welding of Nonstructural Attachments," to be
 implemented on Nuclear Project 2.

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Washington Public Power Supply System

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May 6, 1982

G02-82-421

SS-L-02-PLP-82-026

Docket No. 50-397

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2
USE OF ASME CODE CASE N-328, THERMIT BRAZING
OR WELDING OF NONSTRUCTURAL ATTACHMENTS (ATTACHED)

This letter documents NRC approval of the subject code case as related to Messrs. T. Stanley and P.L. Powell of the Supply System by Mr. D. Smith of the NRC staff. As discussed in a phone conversation on May 22, 1982, the subject code case has been accepted, as written, by the NRC with no additional requirements other than those shown on the attached case report.

Per this understanding of approval, the Supply System will implement the code case on Nuclear Project No. 2

Very truly yours,

G. D. Bouchey
Deputy Director, Safety and Security

PLP/jca
Attachment

cc: R Auluck - NRC
WS Chin - BPA
R Feil - NRC Site
D Smith - NRC
WNP-2 Files

Boo!
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CASES OF ASME BOILER AND PRESSURE VESSEL CODE

*Meeting of September 4, 1981
Approved by Council, December 11, 1981*

*This Case shall expire on December 11, 1984
unless previously annulled or reaffirmed.*

Case N-328

Thermit Brazing or Welding of Nonstructural Attachments

Section III, Division 1

Inquiry: Is it permissible, as an alternative to the processes covered in NC/ND-4311, to use the thermit brazing or welding process for Section III, Division 1, Class 2 and 3 construction, to join copper alloy nonstructural attachments, used for anodic and cathodic protection, to piping?

Reply: It is the opinion of the Committee that the thermit brazing or welding process may be used to join copper alloy nonstructural attachments, used for anodic and cathodic protection, to piping for Section III, Division 1, Class 2 and 3 construction provided that:

(1) The Design Temperature of the piping does not exceed 250°F.

(2) The application is limited to nonstructural attachments used for anodic and cathodic protection on P-No. 1 piping material having a wall thickness less than 3/4 in.

(3) The attachment weld shall not overlap a pressure boundary weld.

(4) The size of the attachment shall not exceed 1½ in. x 1½ in.

(5) A procedure qualification is not required.

(6) A welding procedure shall be prepared describing the combination of materials to be joined, the technique of application and the cartridge size-wall thickness limitation.

(7) Use of the Case shall be identified on the Code Data Form.