Therefore, authorization is required for only those ASME Code Cases and Code Case Revisions which have not been identified in Regulatory Guides 1.84 and 1.85 (includes all revisions of the guides). The FSAR should include a listing of all ASME Code Cases by number, revision and title for each component to which a code case has been applied.

Please advise us if you have any questions regarding our evaluation.

Sincerely,

Olan D. Parr, Chief
Light Water Reactors, Branch No. 3
Division of Project Management

cc: See Next Page

OFFICE➤	DPM:LWR #3	DPM:LWR #3				
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Mr. E. E. Van Brunt, Jr.

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Docket Nos.: STN 50-528/529/530

Mr. E. E. Van Brunt, Jr.
Vice President - Construction Projects
Arizona Public Service Company
P. O. Box 21666
Phoenix, Arizona 85036

Dear Mr. Van Brunt:

SUBJECT: USE OF ASME CODE CASES ON PALO VERDE, UNITS 1, 2 AND 3

By letter dated October 10, 1979, you requested authorization to use certain ASME Code Cases in the construction of the Palo Verde Nuclear Generating Station, Units 1, 2 and 3. We have completed our review of your request and the bases for approving the use of these code cases for Palo Verde are provided as follows:

Code Case 1481-1 (N-19), dated March 1, 1976, "Elevated Temperature Design of Section III, Division 1, Class 2 and 3 Components", is an acceptable code case and may be used in the construction of components during the period the code case was in effect. Revision 1 of the code case has been superseded by Revision 2 and should not be used in the construction of components ordered on or after March 1, 1979.

Code Case 1682, dated January 29, 1975, "Alternate Rules for Material Manufacturers and Suppliers, Section III, Subarticle NA-3700", was approved by the Commission for general use in Revision 2 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 6 of the guide. The code case was annulled August 11, 1975, as the provisions of the code case were incorporated in the Winter 1975 Addenda to the code. The code case may be used in the construction of components during the period it was in effect and approved by the Commission.

Code Case 1644, dated August 12, 1974, "Additional Materials for Component Supports - Section III, Subsection NF, Class 1, 2, 3, and MC Construction", was conditionally approved by the Commission for general use as defined in Revision 1 of Regulatory Guide 1.85 and deleted from the list of acceptable code cases in Revision 3 of the guide. Revision 0 was annulled April 28, 1975, as it was superseded by Revision 1, and should not be used in the construction of components ordered on or after that date.

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Code Case N-181, dated July 11, 1977, "Steel Castings Refined by the Argon Decarburization Process, Section III, Division 1 Construction", has been approved by the Commission for general use and is included in Revision 15 of Regulatory Guide 1.85, dated May, 1979 (current issue).

Code Case N-210, dated March 20, 1978, "Exemptions to Hydrostatic Test After Repairs, Section XI, Division 1", is an acceptable code case subject to the following condition in addition to those conditions specified in the code case. The additional condition is that paragraph (3) of the reply to the inquiry be revised as follows: "Repair of piping, pumps, and valves where the repaired cavity does not exceed 25 percent of the required design wall thickness."

Code Case N-226, dated November 20, 1978, "Temporary Attachment of Thermocouples, Section III, Division 1, Classes 1, 2 and 3 Component Construction", has been approved by the Commission for general use and is included in Revision 15 of Regulatory Guide 1.84, dated May, 1979 (current issue).

Code Case N-237, dated July 9, 1979, "Hydrostatic Testing of Internal Piping, Section III, Division 1", is an acceptable code case and may be used in the construction of components.

Code Case N-240, dated March 19, 1979, "Hydrostatic Testing of Open Ended Piping, Section III, Division 1", is an acceptable code case and may be used in the construction of components.

Code Case N-242, dated April 12, 1979, "Materials Certification, Section III, Division 1, Classes 1, 2, 3, MC and CS Construction", is an acceptable code case subject to the following condition in addition to those conditions specified in the code case. The additional condition is that you should identify in the FSAR the components and supports requiring the use of paragraphs 1.0 through 4.0 of the code case.

Effective November 1, 1979, Footnote 6 of the Codes and Standards Rule 10 CFR Part 50.55a, (Reference: Federal Register, Volume 44, Number 196, Page 57912, dated October 9, 1979) has been revised as follows:

> "ASME Code cases which have been determined suitable for use by the Commission staff are listed in NRC Regulatory Guide 1.84, "Code Case Acceptability-ASME Section III Design and Fabrication" and NRC Regulatory Guide 1.85, "Code Case Acceptability-ASME Section III Materials". The use of other Code cases may be authorized by the Commission upon request pursuant to §50.55a(a)(2)(ii)".

Therefore, authorization is required for only those ASME Code Cases and Code Case Revisions which have not been identified in Regulatory Guides 1.84 and 1.85 (includes all revisions of the guides). The FSAR should include a listing of all ASME Code Cases by number, revision and title for each component to which a code case has been applied.

Please advise us if you have any questions regarding our evaluation.

Sincerely,

Olan D. Parr, Chief
Light Water Reactors, Branch No. 3
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Mr. E. E. Van Brunt, Jr.

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