

JUL 7 1981

Docket Nos.: 50-488/489/490/491/492/493

Mr. L. C. Dail, Vice President  
Design Engineering Department  
Duke Power Company  
P. O. Box 33189  
Charlotte, North Carolina 28242



Dear Mr. Dail:

SUBJECT: USE OF ASME CODE CASES FOR THE PERKINS AND CHEROKEE PLANTS

By letter dated, May 28, 1981, you requested authorization to use ASME Code Cases 1481-2, 1592-14 and 1644-8 in the fabrication of the primary system components for the Perkins and Cherokee plants. We have completed our review of your request and conclude that these ASME Code Cases may be used in the construction of the containment hydrogen recombiners subject to the conditions discussed below. The use of these code cases should also be documented in the FSAR.

Code Case 1481-2 (N-19-2), dated July 11, 1977, "Elevated Temperature Design of Section III, Division 1, Class 2 and 3 Components", had been conditionally acceptable provided that applicants desiring to use this revision of the code case indicated how the time and temperature limit specified in part (5) of the code case was achieved. The code case was subsequently annulled by the ASME Boiler and Pressure Vessel Committee on July 11, 1980. As a result, approval of the code case has been withdrawn by the Commission and it should not be used in the construction of components ordered on or after the annulment date. Therefore, the code case may only be used in the construction of component during the period it was in effect and approved by the Commission, and with the condition discussed above. Code Case N-253 was developed by the ASME to replace Code Case 1481 (N-19).

Code Case 1592-14 (N-47-14), dated July 10, 1978, "Class 1 Components in Elevated Temperature Service, Section III, Division 1", was an acceptable code case and may only be used in the construction of components during the period that the code case was in effect and approved by the Commission. Revision 14 of the code case has been superseded by Revisions 15, 16, 17 and 18 and should be used in the construction of components ordered on or after July 10, 1978 and prior to May 14, 1979.

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Code Case 1644-8 (N-71-8), dated May 15, 1978, "Additional Materials for Component Supports, Section III, Division 1, Subsection NF Class 1, 2, 3, and MC Component Supports," was conditionally approved by the Commission for general use in Revision 14 of Regulatory Guide 1.85. Code Case 1644-8 was deleted from the list of acceptable code cases in Revision 17 of the guide and may only be used in the construction of components during the period that the code case was in effect and approved by the Commission. Revision 8 of the code case has been superseded by Revision 9 and should be used in the construction of components ordered on or after May 15, 1978, and prior to January 7, 1980.

Sincerely,

Original signed by  
Robert L. Tedesco

Robert L. Tedesco, Assistant Director  
 for Licensing  
 Division of Licensing

cc: See next page.

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Code Case 1644-8 (N-71-8), dated May 15, 1978, "Additional Materials for Component Supports, Section III, Division 1, Subsection NF Class 1, 2, 3, and MC Component Supports," was conditionally approved by the Commission for general use as defined in Revision 14 of Regulatory Guide 1.85. Code Case 1644-8 was deleted from the list of acceptable code cases in Revision 17 of the guide and may only be used in the construction of components during the period that the code case was in effect and approved by the Commission. Revision 8 of the code case has been superseded by Revision 9 and should be used in the construction of components ordered on or after May 15, 1978, and prior to January 7, 1980.

Sincerely,



Robert L. Tedesco, Assistant Director  
for Licensing  
Division of Licensing

cc: See next page.