

Docket No.: 50-423

FEB 12 1985

Mr. William G. Council  
Senior Vice President  
Nuclear Engineering and Operations  
Northeast Nuclear Energy Company  
P. O. Box 270  
Hartford, Connecticut 06141-0270

Dear Mr. Council:

Subject: Use of ASME Code Case N-407 for Millstone Nuclear Power  
Station, Unit 3

Reference: W. G. Council to Mr. B. J. Youngblood, Millstone Nuclear Power  
Station, Unit No. 3 Request for Acceptance of a New Code Case  
and a Revised Code Case dated June 8, 1984

The NRC staff has completed its review of your request for authorization  
to use ASME Code Case N-407 for application in steam generator supports at  
Millstone Nuclear Power Station, Unit 3.

Code Case N-407, "Limited Weld Repair for A 487 Class 10Q Castings," is not  
an acceptable code case for general use, and accordingly, it will not be  
listed in Regulatory Guide 1.84 "Design and Fabrication Code Case Acceptability  
ASME Section III, Division 1," and 1.85, "Materials Code Case Acceptability  
ASME Section III, Division 1."

Code Case N-407 is approved for use in steam generator supports at Millstone  
Nuclear Power Station, Unit 3 as (1) the extent of weld repair was very small  
and (2) the fracture mechanics analysis with very conservative assumptions  
and additional supporting data demonstrated an adequate reserve of toughness  
for the application. Use of the Code Case with a summary of the additional  
data and the fracture mechanics results should be documented in a future  
amendment to the FSAR.

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B. J. Youngblood, Chief  
Licensing Branch No. 1  
Division of Licensing

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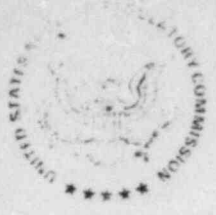
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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Licensing Branch No. 1  
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