



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

February 10, 1995

Docket File
50-440

Mr. Donald C. Shelton
Acting Vice President Nuclear - Perry
Centerior Service Company
P. O. Box 97, A200
Perry, OH 44081

SUBJECT: REQUEST FOR APPROVAL OF ASME CODE CASE N-416-1 - PERRY NUCLEAR POWER PLANT, UNIT NO. 1 (TAC NO. M91005)

Dear Mr. Shelton:

In a letter dated October 31, 1994, you requested approval to use the American Society of Mechanical Engineers (ASME) Code Case N-416-1, "Alternative Pressure Test Requirements for Welded Repairs or Installation of Replacement Items by Welding, Class 1, 2, and 3, Section XI, Division 1" at the Perry Nuclear Power Plant, Unit No. 1. The Code Case provides an alternative to hydrostatic testing of Class 1, 2, and 3 components following welded repair or installation of replacement items by welding.

The NRC staff has reviewed your request and has determined that use of Code Case N-416-1 is acceptable provided that additional surface examinations are performed on the root (pass) layer of butt and socket welds on the pressure retaining boundary of Class 3 components, when the surface examination method is used in accordance with Section III. Use of Code Case N-416-1 is authorized, until such time as this Code Case is published in a future revision of Regulatory Guide 1.147. At that time, if you intend to continue to implement this Code Case, you are to follow all provisions in Code Case N-416-1, with limitations issued in Regulatory Guide 1.147, if any. The staff's evaluation and conclusions are contained in the enclosed safety evaluation.

With the above provision applied to Code Class 3 components, the NRC staff concludes that compliance with the Code hydrostatic testing requirements for welded repairs or replacements of Code Class 1, 2, and 3 components would result in hardships without a compensating increase in the level of quality and safety. Accordingly, the NRC staff has determined that granting the use

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of ASME Code Case N-416-1, pursuant to 10 C.F.R. 50.55a(a)(3)(ii), is authorized by law and will not endanger life or property, or the common defense and security and is otherwise in the public interest.

Sincerely,

Original signed by:

Leif J. Norrholm, Project Director
Project Directorate III-3
Division of Reactor Projects III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-440

Enclosure: Safety Evaluation

cc w/encl: See next page

Distribution w/encl:

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DOCUMENT NAME: G:\PERRY\PER91005.LTR *See previous concurrence

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DATE	02/6/95		02/6/95		01/24/95		01/30/95		02/10/95

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