

50-491

USNRC F. DUKE POWER COMPANY  
ATLANTA  
ELECTRIC CENTER, BOX 33189, CHARLOTTE, N. C. 28242

L. C. DAIL  
VICE PRESIDENT,  
DESIGN ENGINEERING

79/0827 A9:31

August 17, 1979

Mr. J. P. O'Reilly, Director  
U.S. Nuclear Regulatory Commission  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303

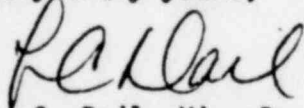
Re: Cherokee Nuclear Station  
RII: WPK  
Inspection Reports: 50-491, 49<sup>a</sup> & 493/79-12  
Duke File: CK-1412.11-1

Dear Mr. O'Reilly:

In the referenced inspection reports, certain items of non-compliance were identified. Duke Power's response to these items is enclosed.

Duke Power does not consider any of the information contained in these reports to be proprietary.

Very truly yours,



L. C. Dail, Vice-President  
Design Engineering

EKM/cam

Enclosure

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DUKE'S RESPONSE TO DEFICIENCY 491, 492 & 493/79-12-01

To comply with Paragraph QW-201.1 of ASME Section IX, Duke is adding to Procedure L-200, "Gas Tungsten Arc Welding Process Specification", the following:

1. To cover peening in paragraph 11.15:

"Peening is prohibited unless otherwise allowed by the Field Weld Data Sheet or other controlling document. Peening may be used to correct distortion or to relieve weld stresses, except that peening shall not be used on the first or last layers of a deposited weld. Peening is prohibited in the temperature range 500<sup>o</sup> to 800<sup>o</sup> on carbon steels. Peening shall be done with a rounded nose, smooth-faced tool driven by a power hammer."

2. To cover width, frequency and dwell in paragraph 14:

"Width, frequency and dwell time apply only to automatic Field Weld Data Sheets."

These changes, will be implemented, the welders instructed, and full compliance achieved by August 24, 1979.

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