

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

November 30, 1979

TELEPHONE: AREA 704
373-4083

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

Re: McGuire Nuclear Station
Units 1 and 2
Docket Nos. 50-369 and 50-370
SD 369-370/79-06, Supplement 1

Dear Mr. O'Reilly:

My letter of August 31, 1979, transmitted Significant Deficiency Report SD 369-370/79-06 which described a problem with the personnel air lock door seals. In the original report we committed to provide further details on the corrective actions taken. This information is contained herein.

A meeting was held at McGuire Nuclear Station on August 20, 1979, between Duke Power Company and W. J. Woolley Company to discuss the deficiencies and corrective actions. Subsequent to this meeting, W. J. Woolley Company developed procedures for shop inspection and repair at Irwin Steel Fabricators in Canton, Ohio (Attachment #1). All of the personnel air lock door seal bolt holes were inspected for penetration depth, thread condition, thread depth, and perpendicularity.

All fully penetrating bolt holes and all bolt holes which deviate from the perpendicular by more than three degrees were plugged, drilled, and tapped as shown on W. J. Woolley drawing 36973 (Attachment #2). Similar drawings of all doors provide a record of repairs and existing bolt hold conditions.

Deficiencies related to thread condition and depth were repaired with threaded inserts. Attachment #3 shows a section of the threaded insert in place. These high strength inserts are installed after the holes have been re-tapped. The pullout resistance of the tapped hole is actually increased since the inserts allow greater shear area contact.



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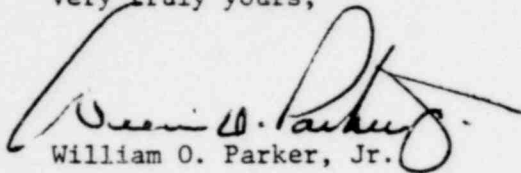
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These corrective actions for Unit 1 will be completed and the personnel air lock door seals reinstalled by January 31, 1980. The schedule for implementing these corrective actions on the Unit 2 personnel air lock door seals will be consistent with the startup activities for Unit 2.

Very truly yours,



William O. Parker, Jr.

THH/sch

Attachments

cc: Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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