DUKE POWER COMPANY
P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

84 MAR 2 A10:00 March 29, 1984

Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Re: Catawba Nuclear Station
Units 1 and 2
Docket Nos. 50-413 and 50-414

Dear Mr. O'Reilly:

Please find attached supplement to Significant Deficiency Report No. SD 414/83-17. It describes further reviews that have taken place and additional situations that require corrective action. Since this review was extended to Unit 1, please re-number this Significant Deficiency as No. 413-414/83-17.

Very truly yours,

Hal B. Tucker

Hal B. Tucker

LTP/php

Attachment

cc: Director
Office of Inspection & Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

NRC Resident Inspector
Catawba Nuclear Station

Palmetto Alliance
2135½ Devine Street
Columbia, South Carolina 29205

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, Georgia 30339

Mr. Robert Guild, Esq.
Attorney-at-Law
P. O. Box 12097
Charleston, South Carolina 29412

OFFICIAL COPY

IE27

1/1

JPO/HBT/LTP
March 29, 1984

Duke Power Company
Catawba Nuclear Station
Supplemental Response to
Significant Deficiency No. 413-414/83-17
March 29, 1984

From the initial response, NCIRs 17404 and 17679 addressed the situation where Construction had installed special weld bosses (SWB) where special weld boss restrictors (SWBR) were specified by Design. This problem resulted from the close similarity of the lot numbers for these two different type bosses. Construction isometrics and weld tickets were reviewed to ensure the correct type of boss was allocated on the construction isometric and installed in the field.

After the above review was complete, a Unit 2 ND system SWBR was to be temporarily plugged for system flush. It was noticed that the restrictor was overdrilled; thus, NCIR 17933 was generated. Since this was not detected during the installation in process inspections, other SWBRs are suspect.

Presently, we are in the process of verifying the correct hole size for all SWBRs by ultrasonic or radiographic examination. Also, a review of completed weld tickets for Unit 1 has already identified one other SWBR which was overdrilled. In this particular case, the inspector recorded the hole size on the process control. This was not a requirement. Concurrently, during a review of construction isometrics, another situation was discovered. A SWB was allocated and installed. This agreed with the Design isometric but the Design flow diagram calls for a SWBR. Design is reviewing all flow diagrams versus piping drawings to verify SWBR locations. Construction is also comparing construction isometrics to Design flow diagrams to ensure they agree.

The present completion date is March 30, 1984. Due to additional problems and rework that have been identified, the completion dates will now be April 15, 1984 for Unit 1 and June 30, 1984 for Unit 2.