

DUKE POWER COMPANY

P.O. BOX 33189
CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

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August 3, 1984

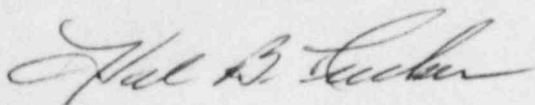
Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

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

Dear Mr. O'Reilly:

Pursuant to 10 CFR 50.55e, please find attached a supplemental response to Significant Deficiency Report No. SD 413-414/84-13.

Very truly yours,



Hal B. Tucker

RWO:slb

Attachment

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

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

NRC Resident Inspector
Catawba Nuclear Station

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

Palmetto Alliance
2135 1/2 Devine Street
Columbia, South Carolina 29205

Mr. Jesse L. Riley
Carolina Environmental Study Group
854 Henley Place
Charlotte, North Carolina 28207

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Duke Power Company
Catawba Nuclear Station

Supplemental Response:

An evaluation of the Construction Flushing Program has concluded that the scope and the methods used at Catawba are adequate and meet the requirements of ANSI N45.2.1, "Cleaning of Fluid Systems and Associated Components During Construction Phase of Nuclear Power Plants", except for the section of piping referred to in NCI 18,391.

All QA Condition 1 and 4 pipe is flushed under the Construction Flushing Program (QAP L-71) except for (1) the UHI section referred to in NCI 18,391; (2) the Diesel Exhaust Pipe; (3) sections of pipe associated with temporary jumpers; and (4) Liquid Waste System (WL) floor drains.

(1) The UHI Pipe

The UHI pipe was not included in the Construction Test Program. When the logic for Unit 2 was developed it was decided that the UHI would receive a high pressure blowdown functional test, a high pressure blowdown would satisfy the construction cleaning requirements.

Since the Unit 2 Catawba UHI pipe will not receive a high pressure blowdown and the low pressure blowdown will not adequately clean this pipe, it will be incorporated into the Construction Flushing Program.

(2) The Diesel Exhaust Pipe

The Diesel Exhaust Pipe is not flushed due to the function of this pipe. There is no need to clean this pipe in that any debris in this pipe will be blown out when the Diesel Engines are started. The debris in this pipe will not affect the operation of this system.

(3) Sections of Pipe Associated with Temporary Jumpers

The Construction Test program does not call for cleaning these sections. There is no way for Construction to clean these small areas. These sections will receive final cleanup by Nuclear Production when the systems are started and their chemistry requirements are brought into proper specification.

(4) WL Floor Drains

Floor drains are not included in the Construction Flushing Program. The floor drains are checked by Nuclear Production to assure they function properly prior to plant operation.

CONCLUSION:

The primary objective is to assure that systems are cleaned to the point so that when they are put into operation they (1) don't have any equipment damaged by debris in pipe and (2) don't have to go to extraordinary means to establish chemistry. The Program has been adequate except for the UHI System. The flush boundary for UHI pipe has now been incorporated into the Construction Flushing Program.