

DUKE POWER COMPANY

P.O. BOX 33189

CHARLOTTE, N.C. 28242

HAL B. TUCKER
VICE PRESIDENT
NUCLEAR PRODUCTION

TELEPHONE
(704) 373-4531

November 21, 1985

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Ms. E. G. Adensam, Chief
Licensing Branch No. 4

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

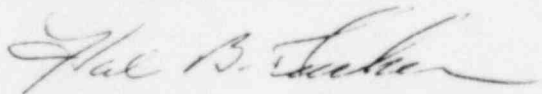
Dear Mr. Denton:

At the requested of the NRC Staff, Duke Power conducted a review of seismically qualified electrical and mechanical equipment for the purpose of identifying any differences between Catawba Units 1 and 2. The results of the review were:

1. No differences were identified in the mechanical equipment area.
2. Differences in electrical equipment are identified in the attached table. This table also includes modifications to Catawba Unit 1.
3. Section 3.10 of the Catawba FSAR will be revised in Revision 14 to reflect these differences and modifications.

Based on this review, it is our conclusion that appropriate equipment utilized in Catawba Units 1 and 2 is capable of performing its design safety-related function in the event of an earthquake.

Very truly yours,



Hal B. Tucker

ROS:slb

cc: Dr. J. Nelson Grace, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

NRC Resident Inspector
Catawba Nuclear Station

8512020482 851121
PDR ADOCK 05000413
P PDR

A048
11

CATAWBA NUCLEAR STATION
NON-IDENTICAL EQUIPMENT BETWEEN UNITS - SEISMIC QUALIFICATION

ITEM	EQUIPMENT DESCRIPTION	UNIT	VENDOR	MODEL	QUAL. METHOD	QUALIFICATION REFERENCE
1	Transmitter	1 & 2	Barton (NSSS)	764 (Lot 2)	test	WCAP-9885 (CNM-1399.03-318)
	Steam Generator Level (N/R)	2	Rosemount	1153HD4PB	test	Wylie T. R. No. 45592-3
2	Transmitter -	1 & 2	Veritrak(NSSS)	76	test	WCAP-8687, Sup 2, E04B(CNM-1399.03-331)
	RCS Flow	2	Rosemount	1153HD5PB	test	Wylie TR No. 45592-3
		1	Tobar	32DP	test	WCAP 8687, Sup 2, E04C, Rev. 1 (CNM-1299.03-0003)
3	Transmitter -	1 & 2	Veritrak(NSSS)	76	test	WCAP 8687, Sup 2, E02B (CNM-1399.03-332)
	Steam Line Pressure	1	Tobar	32DP	test	WCAP 8687, Sup 2, E04C, Rev. 1 (CNM-1299.03-0003)
4	Transmitter -	1 & 2	Veritrak(NSSS)	76	test	WCAP 8687, Sup 2, E04B (CNM-1399.03-331)
	Main Feedwater Flow	1	Tobar	32DP	test	WCAP 8687, Sup 2, E04C, Rev. 1 (CNM-1299.02-0003)
		2	Rosemount	1153DB6PB	test	Wylie Test Report 45353-1, App. III to Rosemount Qual. Report 108026
5	Transmitter -	1	Veritrak(NSSS)	76	test	WCAP 8687, Sup 2, E04B (CNM-1399.03-331)
	Main Steam Flow	2	Tobar	32DP2212/64312	test	WCAP 8687, Sup 2, E04C, Rev. 1 (CNM-1299.03-0003)
6	Transmitter -	1 & 2	Veritrak(NSSS)	76	test	WCAP 8687, Sup 2, E04B, (CNM-1399.03-331)
	RWST Level	1	Tobar	32DP2	test	WCAP 8687, Sup 2, E04C, Rev. 1 (CNM-1299.03-0003)

NON-IDENTICAL EQUIPMENT BETWEEN UNITS - SEISMIC QUALIFICATION

ITEM	EQUIPMENT DESCRIPTION	UNIT	VENDOR	MODEL	QUAL. METHOD	QUALIFICATION REFERENCE
7	RTD RCS-WR Tcold to SSF	1 & 2	Conax	7D56-10000-01	test	IPS-799 (CNM-1336.02-0004)
8	Electric Penetrations	1 & 2	Conax		test/analysis	Conax Corporation Test Report IPS-1037 (CNM-1361.00-0048)
9	Valve Solenoid Operator Pressurizer PORV's	1 2	Valcor ASCO	V70900-39-3-1 NP8316E36E/E34E	test test	Valcor Report MR70900-30-3-1(CNM-1210.04-309) ASCO Report AQS21678/TR Rev. A, (CNM-1205.02-0499) Wyle TR No. 44549-1