



CONNECTICUT YANKEE ATOMIC POWER COMPANY

TELEPHONE
203-665-5000

BERLIN, CONNECTICUT
P.O. BOX 270 HARTFORD, CONNECTICUT 06141-0270

October 4, 1984

Docket No. 50-213
A04157

Director of Nuclear Reactor Regulation
Attn: Mr. Walter A. Paulson, Acting Chief
Operating Reactors Branch #5
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Reference: (1) D. M. Crutchfield letter to W. G. Counsil, dated June 20,
1984.

Gentlemen:

Haddam Neck Plant
Generic Letter 83-28, Item 4.5, Reactor Trip System Reliability

In Reference (1), Connecticut Yankee Atomic Power Company (CYAPCO) was requested to provide additional information on reactor trip system reliability at the Haddam Neck Plant. This information is presented below.

1. The number of automatic and manual reactor trip actuations by year since commercial operation of the unit follows.

	<u>AUTOMATIC</u>	<u>MANUAL</u>
1967	17	6
1968	12	15
1969	6	16
1970	6	15
1971	4	5
1972	3	5
1973	0	7
1974	5	3
1975	1	5
1976	4	2
1977	4	8
1978	4	8
1979	1	2
1980	2	3
1981	2	5
1982	5	3
1983	0	1
1984	1	0

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There is no evidence of breaker failure to trip at the Haddam Neck Plant.

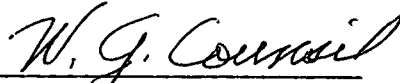
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2. CYAPCO has identified 14 surveillance tests of reactor trip breakers since commercial operation of the Haddam Neck Plant with no instance of breaker failure to trip. All surveillance tests since 1971 have included independent verification of the shunt and undervoltage trip attachments.

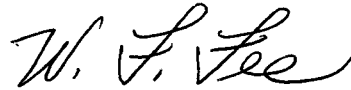
Should you have any further questions please feel free to contact us.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY



W. G. Council
Senior Vice President



W. F. Fee
By: W. F. Fee
Executive Vice President