PDR

NORTHEAST UTILITIES
THE CONNECTICUT LIGHT AND POWER COMPANY
THE HARTFORD ELECTRIC LIGHT COMPANY
WESTERN MASSACHUSETTS ELECTRIC COMPANY
HOLYOKE WATER POWER COMPANY
NORTHEAST UTILITIES SERVICE COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

P.O. BOX 270
HARTFORD, CONNECTICUT 06101
(203) 666-6911

January 9, 1980

Docket Nos. 50-213
50-245
50-336

Mr. Boyce H. Grier, Director
Region I
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Reference: (1) B. H. Grier letter to W. G. Counsil dated December 7, 1979, transmitting I&E Bulletin No. 79-28.

Gentlemen:

Haddam Neck Plant
Millstone Nuclear Power Station, Unit Nos. 1 and 2
I&E Bulletin No. 79-28

In Reference (1), the NRC Staff informed both Connecticut Yankee Atomic Power Company (CYAPCO) and Northeast Nuclear Energy Company (NNECO) that certain stem-mounted limit switches (SMLS) manufactured by NAMCO Controls contain defective top cover gaskets which could deteriorate during normal operation causing the SMLS's to fail.

The Staff has requested CYAPCO and NNECO to determine if NAMCO Model EA-180 switches are installed or planned for installation in any safety-related equipment including valve position circuitry related to containment isolation valves. If these switches are identified, CYAPCO and NNECO are requested to determine if the SMLS's were manufactured with the defective gasket by examining the date code stamped on the switch housing. If the date code falls between 02-79 through 08-79, CYAPCO and NNECO are requested to replace the top gasket of the switch in accordance with the manufacturer's recommendations.

CYAPCO and NNECO hereby provide the following information for the Haddam Neck Plant and Millstone Unit Nos. 1 and 2, respectively:

Haddam Neck Plant

CYAPCO has determined that the SMLS's described in Reference (1) are not installed nor planned for installation on any safety-related system at the Haddam Neck Plant.

8002150188

Millstone Unit No. 1

NNECO has determined that the SMLS's described in Reference (1) are not installed nor planned for installation on any safety-related system at Millstone Unit No. 1.

Millstone Unit No. 2

NNECO has determined that twenty four (24) SMLS's of the type described in Reference (1) are installed at Millstone Unit No. 2. All of these switches have date codes falling between 02-79 through 08-79. A listing of the valves and the number of switches installed on the valve is included as Table 1.

The deficiency associated with the subject SMLS's is such that operability is unaffected by the normal operating environment. Neither will the deficiency preclude the valves from achieving their safe position upon receipt of an accident signal. Should the SMLS's fail in a post-LOCA environment, adequate alternate methods of post-LOCA valve operation and determination of valve position indication exist. In recognition of the desirability to maintain design valve operation and position indication post-LOCA, NNECO plans to replace the gaskets in the affected switches during the 1980 refueling outage.

NNECO has examined the subject switches in spare parts at Millstone Nuclear Power Station. The affected switches have been QA red-tagged and will be repaired prior to installation.

We trust this information satisfactorily dispositions the Reference (1) concerns.

Very truly yours,

CONNECTICUT YANKEE ATOMIC POWER COMPANY
NORTHEAST NUCLEAR ENERGY COMPANY

W. G. Counsil
Vice President

Attachment

TABLE 1

DEFECTIVE NAMCO LIMIT SWITCHES -
INSTALLED AT MILLSTONE UNIT NO. 2

VALVE	NO. SWITCHES INSTALLED
2-CH-515	2
2-CH-516	2
2-CH-517	2
2-CH-518	2
2-CH-519	2
2-SI-614	1
2-SI-624	1
2-SI-634	1
2-SI-644	1
2-SI-618	2
2-SI-628	2
2-SI-638	2
2-SI-648	2
2-AC-5	2
2-AC-6	2