

May 25, 1984

SBN- 659
T.F. .Q.2.2.2

United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, PA 19406

Attention: Mr. Richard W. Starostecki, Director
Division of Project and Resident Programs

References: (a) Construction Permits CPPR-135 and CPPR-136, Docket
Nos. 50-443 and 50-444
(b) Telecon of April 27, 1984, A. L. Legendre, Jr. (YAEC) to
H. Kister (NRC Region I)

Subject: Interim 10CFR50.55(e) Report:
Limiterque Motor Operators

Dear Sir:

On April 27, 1984, we reported a potential 10CFR50.55(e) deficiency [Reference (b)] regarding Limitorque motor operators. The reportability of this item is under evaluation.

Description of Deficiencies

A description of the several Limitorque operator deficiencies is as follows:

1. Loose Contact Screws on Contact Bridge of Torque Switch

The improper operation of some motor operators was traced to loose contact screws on the contact bridge of the torque switch. This problem appears to be limited to the torque switch type used in SMB-000 operators.

2. Incorrect Spring Pack

The improper operation of sixteen operators was determined to be a result of incorrectly supplied spring packs. These operators (all sequential serial numbers) were supplied under the same purchase order.

3. Incorrect Limitor Plate on Torque Switch

A number of operators were observed to have torque switch limiter plates which could allow torque switch settings greater than stated on the torque switch calibration sticker.

4. Improper Lug Connections

A number of operators were found to have various deficiencies concerning terminal lug connections. These include poor crimps, exposed wirestrands, and damaged wire insulation.

Safety Implications

We are investigating the cause and safety implications of each of the above listed deficiencies.

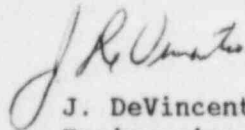
Corrective Action

We have informed Limitorque of each deficiency and are awaiting their response. Their response will determine the corrective action. We will submit an additional report to Region I by July 31, 1984.

This letter is being filed pursuant to the interim reporting provisions of 10CFR50.55(e)(3).

Very truly yours,

YANKEE ATOMIC ELECTRIC COMPANY



J. DeVincentis
Engineering Manager

cc: Atomic Safety and Licensing Board Service List

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