

# TERRY CORPORATION

LAMBERTON ROAD • WINDSOR, CONNECTICUT U.S.  
A SUBSIDIARY OF INGERSOLL-RAND

REPORT NO.

4

## REPORT OF POTENTIAL SAFETY HAZARD, 10CFR21 (PART 21 OF TITLE 10 OF THE CODE OF FEDERAL REGULATION)

TO: DIR. OF ENG. D. R. Morrow FILE NO. 37686 A/B  
MGR.-NUCL. PROD. H. J. Sirois SER. NO. 37686 A/B  
UTIL. MKT. MGR. K. G. Fahrbach TYPE GS-2N  
VP-QUAL. ASSUR. R. A. Neeld REF. Byron Jackson/TECO  
SERVICE MGR. R. R. Theroux DATED \_\_\_\_\_

PREPARED BY H. J. Sirois DATE 12/21/77

PIECE NO. Various DRAWING NO. Various REV. \_\_\_\_\_

PART NAME GS-Nuclear Steam Turbine QUAN. \_\_\_\_\_

DESCRIPTION OF POTENTIAL SAFETY HAZARD OR NON-COMPLIANCE: \_\_\_\_\_

The design of the governor valve linkage on certain units can result in a closed governor valve which can result in the inability to start the turbine when required. This closed valve condition results from unbalanced linkage weights.

EVENTS <sup>WILL</sup>

ENGINEERING EVALUATION & RECOMMENDATION: Byron Jackson claims Toledo Edison has notified the NRC through their IER's (Licensing Events Reports) of the incident and the subsequent "fix" that corrected the problem.

A design improvement is required to hold the control valve open when the unit is idle on standby, and subjected to jiggling caused by extraneous vibrations.

Engineering to devise a retrofit kit for field modifications (Cont'd)

APPROVED BY DIR. OF ENG.: D.R. Morrow DATE: 1/5/78

THIS DEFECT OR NON-COMPLIANCE -  
CONSTITUTES A SAFETY HAZARD AND REQUIRES THAT A REPORT BE PREPARED BY NAME: \_\_\_\_\_  
DATE: \_\_\_\_\_

MRN DOES NOT CONSTITUTE A SAFETY HAZARD AND DOES NOT REQUIRE ANY FURTHER REPORTING.

APPROVED BY/TITLE W.S. McArthur DATE: 1-5-78

RETURN TO DIRECTOR OF ENGINEERING:

EER - Continued:

of all affected units. Upon availability of the kits, customers are to be notified of the design improvement and correction procedure.

**INTER-OFFICE MEMORANDUM**

DATE: 2/10/78

TO: D. Morrow

FROM: R.T. Hebert

cc: R. Neeld  
W. Wathen  
H. Sirois  
R. Theroux  
K. Fahrbach

OFFICE:

SUBJECT: Report of Potential Safety  
Hazard #4

FILE: Reference 37686-A&B

Dear Dave:

The engineering evaluation and recommendation of this reported defect indicated that a design improvement would be made available. When available, the customers were to be notified of the design improvement and the correction procedure.

Would you please first advise which units are affected by this design improvement and second advise the availability of this design improvement.

  
Russ Hebert

RH/ad

