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SUBJECT: Interim deficiency rept re Envirex, Inc flexible coupling
 inserts matl acceptability. TVA is evaluating downgrading
 of ERCW traveling water screens from safety related to non-
 safety related.

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SEP 20 1993

BLRD-50-438/93-09
BLRD-50-439/93-09

10 CFR 50.55(e)

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

Gentlemen:

In the Matter of the Application of)
Tennessee Valley Authority)

Docket Nos. 50-438
50-439

BELLEFONTE NUCLEAR PLANT (BLN) - ENVIREX FLEXIBLE COUPLING
INSERTS MATERIAL ACCEPTABILITY - BLRD-50-438/93-09 AND
BLRD-50-439/93-09 - INTERIM REPORT

The subject deficiency is potentially reportable in accordance with 10 CFR 50.55(e)(3) and is documented in Significant Corrective Action Report (SCAR) BLSCA930011. Enclosure 1 contains TVA's interim report on this subject. Enclosure 2 is the list of commitments made as a result of this report.

Should there be any questions regarding this information, please telephone Greg Pierce, BLN Site Licensing Manager, at (205) 574-8058.


H. Fred McCluskey

Enclosures

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ENCLOSURE 1
BELLEFONTE NUCLEAR PLANT (BLN) UNITS 1 AND 2
ENVIREX FLEXIBLE COUPLING INSERTS MATERIAL ACCEPTABILITY -
SIGNIFICANT CORRECTIVE ACTION REPORT (SCAR) BLSCA930011
BLRD-50-438/93-09 AND BLRD-50-439/93-09

INTERIM REPORT

DESCRIPTION OF DEFICIENCY

Traveling water screens prevent debris from blocking the water supply for the Essential Raw Cooling Water (ERCW) pumps. A flexible coupling is used between the motor and the speed reducer of the traveling water screen. Inserts for the flexible coupling supplied by Envirex, Inc. were ordered as safety-related under the vendor's ANSI N45.2 program. A supplier audit (93V-48) found that Envirex is not implementing its external and internal audit program as required by its QA manual and ANSI N45.2. Therefore, the inserts do not meet the criteria for safety-related items.

SAFETY IMPLICATIONS

Failure of the flexible coupling insert could cause the traveling water screen not to function which could result in a loss of net positive suction head for the ERCW pumps due to the buildup of debris. Safe operation of the plant could be affected.

INTERIM PROGRESS

TVA is evaluating the downgrading of the ERCW traveling water screens from safety related to non-safety related. If this portion of the system is downgraded, the items are acceptable as is and this item would not be reportable under 10 CFR 50.55(e)(3).

TVA will evaluate the original procurement package and attempt to develop a commercial grade dedication package for the flexible coupling inserts if downgrading the traveling water screens is not possible. This item is not reportable under 10 CFR 50.55(e)(3) if the commercial grade dedication is successful.

The item will be replaced with acceptable material and the appropriate reports under 10 CFR 50.55(e)(3) will be submitted to the NRC if the commercial dedication process is not successful due to a defect in the item.

A final report concerning reportability will be provided prior to fuel load of unit 1.

ENCLOSURE 2

COMMITMENT MADE TO THE NRC

A final report concerning reportability will be provided prior to fuel load of unit 1.