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GENERAL INFORMATION or OTHER

EVENT NUMBER: 27986

LICENSEE: COPES-VULCAN INCORPORATED
CITY: LAKE CITY REGION: 1
COUNTY: STATE: PA
LICENSE#: AGREEMENT: N
DOCKET:

NOTIFICATION DATE: 11/03/94
NOTIFICATION TIME: 13:39 [ET]
EVENT DATE: 11/03/94
EVENT TIME: 00:00[EST]
LAST UPDATE DATE: 11/03/94

PERSON ORGANIZATION

NRC NOTIFIED BY: SCARPELLI
HQ OPS OFFICER: GREG SCARFO

EMERGENCY CLASS: NOT APPLICABLE
10 CFR SECTION:

DEFECTS/NONCOMPLIANCE

EVENT TEXT

DEFECTIVE COPES-VULCAN YOKES WERE DELIVERED TO SEVERAL UTILITIES.

THE FOLLOWING IS A TEXT OF A FACSIMILE SUBMITTED BY THE LICENSEE:
"COPES-VULCAN, LAKE CITY, PENNSYLVANIA, HAS BEEN INFORMED BY TENNESSEE VALLEY AUTHORITY, SEQUOYAH, THAT NINE (9) YOKES, P/N 342849, SUPPLIED TO THEM AS PART OF AN UPGRADE PROGRAM, HAVE DISCREPANT 1/2-13UNC TAPED HOLES WHICH COULD IMPACT THE ABILITY TO OPERATE IF INSTALLED.

COPES-VULCAN HAS TRACED THE PROBLEM TO A MANUFACTURING OPERATION WHICH DRILLS THE HOLES OVERSIZE AND THEN USES A ROLL TAP TO RE-FORM THE THREADS. IF A ROLL TAP IS NOT USED, THE THREAD MINOR DIAMETER IS OVERSIZE TO THE POINT OF WEAKENING THE THREAD. THIS IS WHAT HAPPENED IN THIS INSTANCE.

AN INVESTIGATION INTO THE AFFECTED YOKES HAS LIMITED THE USAGE TO NINE (9) YOKES AT TVA, ONE (1) YOKE AT THE WISCONSIN POWER AND ONE (1) YOKE AT FARLEY SOUTHERN COMPANY. THE TVA YOKES HAVE NOT BEEN INSTALLED AT THIS TIME AND THE WISCONSIN POWER, POINT BEACH, ACTUATOR WHICH MAY CONTAIN A DEFECTIVE YOKE, WOULD PERFORM ITS FAIL SAFE MODE AS DELIVERED WAS WOULD THE VALVE AT FARLEY.

THE AFFECTED UTILITIES HAVE BEEN NOTIFIED AS OF NOVEMBER 3, 1994." END OF TEXT.

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COPEV-VULCAN, INC.

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DATE: November 3, 1994 NO. OF PAGES SENT 1

FROM: J.R. Scarpelli
QUALITY ASSURANCE DEPARTMENT

TO: COMPANY NRC Operations Center

ATTENTION _____

FAX NO. 301-492-8187

Copes-Vulcan, Lake City, Pennsylvania, has been informed by Tennessee Valley Authority, Sequoyah, that nine (9) yokes, P/N 342849, supplied to them as part of an upgrade program, have discrepant 1/2-13UNC taped holes which could impact the ability to operate if installed.

Copes-Vulcan has traced the problem to a manufacturing operation which drills the holes oversize and then uses a roll tap to re-form the threads. If a roll tap is not used, the thread minor diameter is oversize to the point of weakening the thread. This is what happened in this instance.

An investigation into the affected yokes has limited the usage to nine (9) yokes at TVA, one (1) yoke at Wisconsin Power and one (1) yoke at Farley Southern Company. The TVA yokes have not been installed at this time and the Wisconsin Power, Point Beach, actuator which may contain a defective yoke, would perform its fail safe mode as delivered as would the valve at Farley.

The affected utilities have been notified as of November 3, 1994.

A written report as required by 10CFR21 will be issued.

J.R. Scarpelli
Director Quality Assurance

JRS/pjg