

UNITED STATES
ATOMIC ENERGY COMMISSION
DIVISION OF COMPLIANCE
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

TELEPHONE
(312) 858-2660

March 2, 1972

J. B. Henderson, Chief, Reactor Construction Branch
Division of Compliance, Headquarters

VENDOR INSPECTION REPORT
BARCOCK & WILCOX COMPANY, BARBERTON, OHIO
STEAM GENERATORS FOR:

TOLEDO EDISON COMPANY (DAVIS-BESSE) 50-346
DUKE POWER COMPANY (OCONEE 2) 50-270
SACRAMENTO MUNICIPAL UTILITY DISTRICT (RANCHO SECO) 50-312

The attached report of a vendor inspection at the subject vendor's manufacturing plant on January 4 - 6, 1972, is transmitted for information. Areas of code nonconformance (materials of construction) were identified with respect to the manufacture of both the Oconee 2 and Rancho Seco steam generators. According to information supplied by CO:I, the licensee (SMUD) involved is to be informed of apparent code nonconformance through CO:HQ correspondence. In this regard, we have provided the standard communication to our licensee (Davis-Besse).

Concerning the exchange of steam generator plate material between the Midlands and Davis-Besse projects, the results of this inspection indicate that all of the records (traceability) are in order and that both the 4 1/16-inch thick and 7-inch thick plate used for the Davis-Besse steam generators has been correctly qualified to SA 516, Grade 70, material. The only difference between the two categories of plate is that the 4 1/16-inch thick plate was

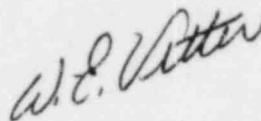
8001310 604

J. B. Henderson

- 2 -

March 2, 1972

qualified on the basis of a Charpy-V impact test temperature of 70°F whereas the 7-inch thick plate was qualified at 40°F during the Charpy-V impact tests.



W. E. Vetter
Senior Reactor Inspector

Attachment:

CO Rpt No. 999-042/72-01 by
R. E. Oller

cc: E. G. Case, DRS (3)
R. S. Boyd, DRL (2)
R. C. DeYoung, DRL (2)
D. J. Skovholt, DRL (3)
H. R. Denton, DRL (2)
L. Kornblith, CO
R. H. Engelken, CO
CO Files
DR Central Files