



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

Enclosure 1.

JUN 12 1973

R. H. Engelken, Assistant Director for Construction & Operations
Directorate of Regulatory Operations

BABCOCK & WILCOX REPORT NUMBER BAW 1403, REV. 1, JUNE 1973.
"INVESTIGATION OF MAJOR COMPONENT WELD RECORDS."

The subject report has been reviewed and it is noted that the lots of 70XX and 80XX weld filler metal with undocumented mechanical properties, have satisfactory documentation of their chemistry. Experience has demonstrated that the tensile and impact values of 70XX and 80XX weld metals almost always exceeds the ASTM minimum requirements. Therefore, it is concluded that there is some assurance that the mechanical properties of these lots of 70XX and 80XX materials will be within acceptable tolerances. We recommend no further action on this matter solely on the basis that removal and replacement of the weld metal in the completed vessels would at this time be more deleterious than acceptance as is.

Since the documentation of the mechanical properties is a requirement of the code to which these major components were designed and fabricated, B&W should be required to pursue this matter further with the cognizant code committee.

G. W. Reinmuth

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