APPL. Ex. 135

REF. 92

C-1416, Revision 33, which specifies a fire barrier installation for the remote shutdown panel. 10 CFR 50, Appendix R requires a 3-hour fire barrier. Data was not available as to whether the SCN specification was equivalent to a 3-hour fire barrier. This item remains open pending the availability of additional licensee evaluation.

(Open) Unresolved Item 352/81-12-02 pertaining to cable pull tensions within tolerance/accuracy of Tensiometer meter scale. The inspector reviewed licensee's response to Finding Report No. N-274. The report indicates the allowable tolerance to be within maximum tensile strength for soft copper. The licensee's response was determined to be incomplete in that the limiting factor is not always the tensile strength of the copper, but may be the side wall pressure exerted on the cable. The licensee's response did not address the effect on measurement of tension for side wall pressure considerations. This item remains open pending NRC review of additional licensee evaluations.

(Closed) Violation 352/81-16-01 pertaining to the Special Main Steam Isolation Valve (MSIV) casting repair procedure qualification test results. The NRC inspector reviewed the attachments to GE letter to PECO file No. PC-2365 dated May 14, 1982. The review of the procedure qualification data submitted by PECO, GE, and Quaker Alloy indicates that the P-1 (Heat F3756) cast base metal and weld metal tested were capable of meeting minimum SA 216 Grade, WCB properties, when subjected to the 1365F (intercritical), 1200F/1150F double subcritical heat treatment. Acknowledgement of the previous statement does not alter the NRC position that the heat treatment practices employed represent poor engineering practice and do not meet the normal intent of the ASME Code for P-1 materials and SFA 5.1 E7018 filler metals.

By definition, tempering is a subcritical heat treatment. The normal intent of the ASME Code for PWHT of P-1 materials is to conduct the heat treatment at a subcritical temperature which is also below base metal tempering temperatures.

There is still no logical explanation for the disparity in test results between Chemetron test report for lot J514N1Af and Quaker Alloy Test report 316-1Af which indicates the tensile properties as welded to be 77 KSI with 29% Elongation and "stress relieved at 1350F for 8 hrs." tensile strength to be 73 KSI with 30.5% Elongation.

The subject special procedure qualification test results indicate that castings, repaired by the WPS indicated, are capable of having adequate mechanical properties, including toughness above 60F, to meet the ASME Code mechanical property requirements to which they were fabricated. The special procedure qualification tests conducted satisfy the applicable ASME Section IX, Paragraph V-6 requirements and the current Section IX, QW-407.1 requirements.

This item is considered closed.