



APPL. Ex. 123

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REF: 79

(Closed) Unresolved Item (352/80-19-02) Cut insulation on wire in Radiation Monitoring Cabinet, 10C790. The licensee issued Observed Condition Notice No. 1243, directing that the bracket be moved to eliminate the interference and retermination of the wire. The inspector verified the foregoing activities have been accomplished. This item is considered resolved.

(Closed) Unresolved Item (352/80-20-02) Failure to provide quantitative and qualitative acceptance criteria for sampling inspections. The inspector noted that the licensee has made a significant change in his pipe welding inspection program in that certain inspections are no longer "Hold Point". The quality control verification of purge gas, cleanliness, tack welds, and alignment are no longer performed on a 100% basis. This change is reflected in Bechtel Quality Assurance Manual - ASME Section III, Division 1, WD-1, paragraph 7.4. A note permits the Lead Welding Quality Control Engineer to determine if these attributes are checked on a "surveillance" or "inspection" basis. In this case, inspection meaning a hold point beyond which work may not proceed and surveillance meaning work may proceed without the check being made. The surveillances are made at the option of the inspector.

A sample of 100 document packages for completed welds disclosed the following:

Sample Size	100
Hold Point Inspections	64
Surveillances Specified	36
Surveillances Performed	2
Approximate Population	1000

Inspections which constitute less than 100% of the population are, in fact, sampling inspections. There are established sampling inspection techniques (e.g. MIL-STD-105) which prescribe sample sizes, acceptance quality levels, etc.

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Other than the limited instructions provided in the BQAM-ASME Section III referenced above, there are no provisions on which to base increased inspection activity if an inordinate amount of rejectable findings are identified. Therefore, there are no quantitative or qualitative criteria to ascertain the acceptability of the inspection program. The failure to provide these criteria is contrary to 10CFR50, Appendix B, Criterion V and an item of noncompliance. (352/80-21-05 and 353/80-19-01)

4. Containment Electrical Penetrations (Unit No. 1)

The inspector toured the containment area and observed the status of work on electrical penetrations. He observed the handling and protection practices employed to prevent damage during installation. He selectively examined seals, wire insulation, and wires for obvious damage.

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