

Notice of Deviations

Based on the results of an NRC inspection conducted on April 24-27, 1979, it appears that certain of your activities were not conducted in full accordance with NRC requirements as indicated below:

Criterion V of Appendix B to 10 CFR 50 requires that activities affecting quality shall be prescribed by documented procedures and shall be accomplished in accordance with these procedures.

- A. The QA Manual, Section 5, paragraph "System of Production Checks," states in part, "The machine settings and all pertinent data are . . . in accordance with the welding procedure."

Contrary to the above, the welding performed in the manufacture of SA-312, T-304, ASME Code Class 1 and 2 piping was not accomplished in accordance with welding procedure specification (WPS) H-304-HN, Revision 4, as required by the job order travelers, for the following orders:

Welding Procedure Specification
H-304-HN, Revision 4

Amps Range	160-220
Shielding Gas Flow, CFH	40 (Both Torches)
Travel Speed, IPM	8-9

Job No. M-3225-8

	<u>Top Torch</u>	<u>Bottom Torch</u>
Amps Used	250	260

Job No. M-3536-9

Amps Used	280	275
Shielding Gas Flow, CFH	60	60
Travel Speed, IPM	4	4

Job No. M-2702-8

Amps Used	250	240
Shielding Gas Flow, CFH	60	60
Travel Speed, IPM	6	6

- B. The QA Manual, Section 6, paragraph "Personnel Qualified," with regard to nondestructive examination (NDE) personnel, states in part, "In addition, the candidate is examined for visual acuity to be certified by a physician on a yearly basis."

Contrary to the above, visual acuity examinations for five (5) SWEPCO NDE technicians were not certified by a physician for the examinations performed on May 5, 1978.