

NOTICE OF DEVIATION

Based on the results of an NRC inspection conducted on October 27-31, 1980, it appears that certain of your activities were not conducted in accordance with NRC requirements as indicated below:

Criterion V of Appendix B to 10 CFR 50 states: "Activities affecting quality shall be prescribed by documented instructions, procedures, or drawings, of a type appropriate to the circumstances and shall be accomplished in accordance with these instructions, procedures, or drawings. Instructions, procedures or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished." Deviations from these requirements are as follows:

- A. Procedure PS-23.21, paragraph 14.0, states, "Calibration and verification lifting power Yoke. The lifting power of the yoke is determined using a 10 lbs. test piece. The calibration is performed each 6 months and verified at least every shift or change of personnel."

Contrary to the above, verification of the lifting power of the yoke was not performed every shift, with respect to magnetic particle examination of areas on the Black Fox Unit 1 reactor vessel closure head from which temporary lifting lugs had been removed. (See Details Section I, paragraph C.3.a.).

- B. Paragraph 2.3 in Quality Procedure No. 9.10.01(E) states with respect to visual inspection by users, "Hoisting equipment shall be inspected visually before, during and after use for damage and wear. Observed deviations shall be reported immediately to the Shop Superintendent, who shall take care thru the T.D. RDM for replacement or re-testing."

Paragraph 2 states with respect to definition of the term "hooks," "... by 'hooks' are understood all single hoisting equipment such as clamps, rings, fasteners, etc." Paragraph 2.5 states in part, "The Chef T.D. RDM shall designate one of his employees who is responsible for the maintenance of a system of administration of all chains and hooks in use by RSV-A with at least identification numbers and data of last testing" Paragraph 2.4.2 states with respect to periodic testing of chains and hooks by an independent party, "Furthermore each half year a visual inspection shall take place by a qualified person, who reports to the Chef T.D. RDM."

Contrary to the above:

1. Visual inspection by users of hoisting equipment for damage and wear was not being performed, as evidenced by observation of a wire rope sling with broken strands on an active crane (Figee - Haarlem).

2. The administration system for chains and hooks in use by RSV-A did not contain data to indicate testing or inspection of a lifting yoke (sleuting), Serial No. K47, which was present on the Figee - Haarlem crane.