

NOTICE OF VIOLATION

Sharinon & Wilson, Inc.
Fairbanks, Alaska

Docket No. 030-20360
License No. 50-23204-01
EA 96-446

During an NRC inspection completed November 5, 1996, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," NUREG-1600, the violations are listed below:

- A. 10 CFR 1301(a)(1) requires the licensee to control dose to individual members of the public to an annual dose limit of 0.1 rem total effective dose equivalent.

Contrary to the above, for calendar year 1996, the licensee did not limit the annual dose to an individual member of the public to 0.1 rem total effective dose equivalent. Specifically, an employee who was not assigned any duties associated with the use or handling of the licensee's portable nuclear gauges, and who was therefore a member of the public for the purposes of this rule, received approximately 0.228 rem total effective dose equivalent between January 1 and September 19, 1996.

- B. 10 CFR 20.1501 requires that each licensee make or cause to be made surveys that may be necessary for the licensee to comply with the regulations in Part 20 and that are reasonable under the circumstances to evaluate the extent of radiation levels, concentrations or quantities of radioactive materials, and the potential radiological hazards that could be present.

Pursuant to 10 CFR 20.1003, *survey* means an evaluation of the radiological conditions and potential hazards incident to the production, use, transfer, release, disposal, or presence of radioactive material or other sources of radiation.

Contrary to the above, as of September 19, 1996, the licensee did not make surveys to assure compliance with 10 CFR 20.1301(a), which limits radiation exposure to an annual exposure of 0.1 rem total effective dose equivalent for individual members of the public. Specifically, as discussed in Violation A above, an individual member of the public received approximately 0.228 rem total effective dose equivalent in calendar year 1996 from the licensee's activities.

These violations represent a Severity Level III problem (Supplement IV).

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to correct the violation and prevent recurrence, and the date when full compliance was achieved is already adequately addressed on the docket in Inspection Report No. 030-20360/96-01 and letter from the Licensee dated January 8, 1997. Therefore, no response to this Notice is required. However, you are required to submit a written

statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation," and send it to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, D.C. 20555 with a copy to the Regional Administrator, Region IV, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011.

Dated at Arlington, Texas
this 31st day of January 1997