

NOTICE OF VIOLATION

Shell Chemical Company
Belpre, OH 45714

License No. 34-13012-01
Docket No. 030-05852

During an NRC inspection conducted on March 25, 1993, violations of NRC requirements were identified. In accordance with the "General Statement of Policy and Procedure for NRC Enforcement Actions," 10 CFR Part 2, Appendix C, the violations are listed below:

1. 10 CFR 20.105(b) requires that, except as authorized by the Commission in 10 CFR 20.105(a), no licensee allow the creation of radiation levels in unrestricted areas which, if an individual were continuously present in the area, could result in his receiving a dose in excess of 2 millirems in any one hour or 100 millirems in any seven consecutive days.

Contrary to the above, on March 25, 1993, the licensee allowed the creation of radiation levels in an unrestricted area, such that if an individual were continuously present in the area, he could have received a dose in excess of 2 millirems in any one hour or 100 millirems in any seven consecutive days. Specifically, three gauges containing a nominal 1 curie of cesium-137 had continuous radiation levels of at least 25 millirem per hour at the surface and at least 1.5 millirem per hour at 18 inches from the surface.

This is a Severity Level IV violation (Supplement IV).

2. 10 CFR 20.203(f) requires that, except as provided by 10 CFR 20.203(f)(3), each container of specified amounts of licensed material bear a durable, clearly visible label identifying the radioactive contents.

Contrary to the above, on March 25, 1993, three containers (gauges) of a nominal 1 curie of cesium-137 did not bear a durable and clearly visible label identifying the radioactive contents.

This is Severity Level IV violation (Supplement IV).

Pursuant to the provisions of 10 CFR 2.201, Shell Chemical Company is hereby required to submit a written statement or explanation to the U.S. Nuclear Regulatory Commission, Region III, 799 Roosevelt Road, Glen Ellyn, Illinois, 60137, within 30 days of the date of the letter transmitting this Notice of Violation (Notice). This reply should be clearly marked as a "Reply to a Notice of Violation" and should include for each violation: (1) the reason for the violation, or, if contested, the basis for disputing the violation, (2) the corrective steps that have been taken and the results achieved, (3) the corrective steps that will be taken to avoid further violations, and

(4) the date when full compliance will be achieved. If an adequate reply is not received within the time specified in this Notice, an order or a demand for information may be issued as to why the license should not be modified, suspended, or revoked, or why such other action as may be proper should not be taken. Where good cause is shown, consideration will be given to extending the response time.

APR 16 1993

Dated _____



B. J. Holt, Chief
Nuclear Materials Inspection
Section 1