



UNITED STATES  
 NUCLEAR REGULATORY COMMISSION  
 REGION II  
 101 MARIETTA ST., N.W., SUITE 3100  
 ATLANTA, GEORGIA 30303

SEP 01 1982

MEMORANDUM FOR: Carl E. Alderson, Director, Enforcement Staff  
 FROM: James Y. Vorse, Acting Director, OI, Atlanta  
 SUBJECT: IMPROPER LABORATORY PRACTICES  
 FACILITY: GE Wilmington  
 DATE ALLEGATION RECEIVED: August 28, 30, and 31, 1982  
 INQUIRY NO. 2Q2-014/P  
 CASE NO. None

Information was provided to the OI staff which is set forth in the enclosure. The preliminary information provided indicates there may be OI interest in this matter, but additional information must be obtained before a final decision can be made. This pending Report of Inquiry is provided to you for information purposes.

*James Y. Vorse*  
 James Y. Vorse

Enclosure: Report of Inquiry 2Q2-014

cc w/o encl:  
 J. P. O'Reilly, ORA

Information in this record was deleted in accordance with the Freedom of Information Act, exemptions b6 + b7C  
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*James Y. Vorse* *Q-1*

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REPORT OF INQUIRY  
202-014

On August 29, 30, and 31, 1982, an allegor named [REDACTED] who can be reached at telephone No. [REDACTED] after 8:15 a.m. provided the following information to J. Vorse, OI, Atlanta, regarding GE Wilmington, "Chem-et" laboratory:

1. There is no documentation to support a counting factor used for enrichment analyzer No. 4. The analyzer is utilized for determining isotopic abundance in process samples (U235 content). On approximately August 21, 1982, figures were provided by the lab supervisor named [REDACTED] to a lab technician named [REDACTED]. [REDACTED] began inputting this information into the LMCS computer and had completed 2 of the 6 standards when stopped by [REDACTED] who was aware that the No. 4 analyzer was not in an up status. [REDACTED] could not find any log or tape entries to support the factors. [REDACTED] does not know where the figures [REDACTED] provided to [REDACTED] came from.
2. There was no logbook entry supporting the installation of a new sodium iodide (NaI) crystal for the No. 4 analyzer circa August 20, 1982.
3. "They" released 2 sets of accountability data on this system before the instrument was calibrated on August 21, 1982. It is not known if this information was invalidated.
4. The microwave oven used for dissolution is leaking microwaves. The employees were required to sign a waiver acknowledging the microwave could be hazardous to the eyes and testicles.

Ed Clay, John Bates and John Sabados were present during the August 30, 1982 telephone conversation. A meeting was later held with Bates, Sabados, McAlpine and Vorse. It was agreed these issues would be addressed during a routine upcoming inspection commencing September 13, 1982. If any issues cannot be resolved, Bates will inform McAlpine. OI interest is anticipated only if records cannot be reconciled.

The allegor requested confidentiality regarding this matter but did relate she has filed a discrimination complaint and within this complaint she has addressed the issue of falsification of records (relating to allegation No. 1). She anticipates going to "Federal Court" and has requested that representatives of the NRC and OSHA be present during the hearing.

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