

OFFICE OF INSPECTION AND ENFORCEMENT
Items of Interest
Week Ending July 2, 1982

1. There were no Significant Enforcement Actions taken during the past week.
2. The following Preliminary Notifications were dispatched during the past week:
 - (a) PNO-I-82-47, W. R. Grace and Company (Wayne NJ Facility) - Radioactive Materials Discovered Offsite. ->
 - b. PNO-I-82-48, Baltimore Gas and Electric Company (Calvert Cliffs Unit 1) - Unscheduled Shutdown.
 - c. PNO-II-82-64B, Virginia Electric and Power Company (North Anna Unit 1) - Steam Generator Tube Damage.
 - d. PNO-II-82-72 and 72A, Duke Power Company (Oconee Unit 2) - Extraction Steam Line Break.
 - (e) PNO-II-82-73, Federal Express, Inc. (Knoxville, TN) - Lost Shipment of 1,000 Curies of Tritium.
 - (f) PNO-III-82-60, Illinois Power Company (Clinton Unit 1) - Dousing of Two Quality Control Inspectors.
 - g. PNO-III-82-61, Commonwealth Edison Company (Zion Unit 2) - Reactor Trip Due To Main Transformer Failure.
 - (h) PNO-III-82-62, Commonwealth Edison Company (Quad Cities and Zion Units) - Drug-Related Occurrences At Licensee Facilities.
 - (i) PNO-III-82-63, Consumers Power Company (Midland) - Construction Halt Requested Pending NRC Investigation Of Allegations.
 - j. PNO-TMI-82-15B and 15C, GPU Nuclear Corporation (Three Mile Island Unit 2) - Axial Power Shaping Rod Test (Update)
3. The following IE Information Notices were dispatched during the past week:
 - a. IE Information Notice Number 82-20, Check Valve Problems, was issued on June 28, 1982 to all nuclear power reactor facilities holding an operating license or construction permit.
 - b. IE Information Notice Number 82-21, Buildup Of Enriched Uranium In Effluent Treatment Tanks, was issued on June 30, 1982 to all uranium and plutonium fuel fabrication licensees.
4. Other items:
 - a. Division of Reactor Programs

On June 29, 1982, staff from EDO, NRR, NMSS, OIA and IE met with representatives from the GAO to discuss the planned GAO audit of security at nuclear power plants. The audit will be conducted as a followup of the 1977 GAO security audit. GAO plans to contact appropriate staff in NRC Headquarters Offices and then proceed to visit the NRC Regional Offices and accompany safeguards inspectors on inspections at nuclear power plants.

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE--PNO-I-82-47

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility: W. R. Grace and Company
Wayne, New Jersey Facility
Formerly Licensed Under
DN 40-00086

Licensee Emergency Classification:
____ Notification of Unusual Event
____ Alert
____ Site Area Emergency
____ General Emergency
 X Not Applicable

Subject: Radioactive Materials Discovered Offsite

This updates previous Preliminary Notifications (81-128, 81-128A, and 81-128B) concerning thorium contamination on and off the W.R. Grace and Company site in Wayne, New Jersey.

On June 29, 1982, Region I was notified by the Health Officer of Pequannock Township (adjacent to Wayne, New Jersey) that radiation levels of 1.5 to 2 millirem per hour had been measured next to the nearest railroad spur (about two miles away) to the formerly licensed facility.

Measurements made by an NRC inspector on June 30, 1982 confirmed that radiation levels of up to 1 millirem per hour on contact were measured at one location along the railroad spur. Representatives of the former licensee stated that this railroad spur may have been used to ship some monazite sand to the facility, but that most of their materials were transported by truck. The highest radiation level measured offsite to date was 0.2 millirem per hour on contact. Samples of the soil in this area were taken by the NRC inspector and will be analyzed for thorium by the Region I office.

Region I has requested NMSS to have Oak Ridge Associated Universities include this area in the surveys of the W.R. Grace and Company property planned for the week of July 12, 1982.

Region I was notified of this information by a telephone call from the Region I inspector at 2:00 p.m. on June 30, 1982. The State of New Jersey has been notified.

The former licensee and Region I do not plan to issue a press release at this time. Region I will continue to respond to media inquiries regarding this site.

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Licensee: _____
(Reactor Licensees)