
Safeguards Summary Event List (SSEL)

**U.S. Nuclear Regulatory
Commission**

Office of Nuclear Material Safety and Safeguards



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PDR NUREG
0525 R PDR

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Rev. 14

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Pre-NRC Through December 31, 1987

This document represents a revision of a Safeguards Summary Event List published in December 1980 in response to inquiries concerning the nature of safeguards-related events involving NRC licensees and licensed material.

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Operations Branch
Division of Safeguards and Transportation
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555



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Page Change Information: Revision 14

This document, Revision 14, replaces all previous revisions to NUREG-0525, Safeguards Summary Event List (SSEL)*. It summarizes events that occurred and were reported from 1957 through 1987.

*The baseline Safeguards Summary Event List is Revision 4 (published September 1981) which includes all reported events up through June 30, 1981. Revision 5 (published July 1982), Revision 6 (published February 1983), Revision 7 (published August 1983), Revision 8 (published March 1984), Revision 9 (published June 1984), Revision 10 (published May 1985), Revision 11 (published January 1986), and Revision 12 (published February 1987) include events occurring between July 1, 1981 through December 31, 1985, and a Revision 13 (published July 1987).

ABSTRACT

The Safeguards Summary Event List (SSEL) provides brief summaries of several hundred safeguards-related events involving nuclear material or facilities regulated by the U.S. Nuclear Regulatory Commission (NRC). Events are described under the categories of bomb-related, intrusion, missing and/or allegedly stolen, transportation, tampering/vandalism, arson, firearms, radiological sabotage, nonradiological sabotage, alcohol and drugs, and miscellaneous. The information contained in the event descriptions is derived primarily from official NRC reporting channels.

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INTRODUCTION

The Safeguards Summary Event List (SSEL) provides brief summaries of several hundred safeguards-related events involving nuclear materials or facilities regulated by the U.S. Nuclear Regulatory Commission (NRC). As the list is intended to provide a broad perspective on the nature of safeguards incidents in the licensed nuclear industry, both unusual and routine events are described. Events have been placed in the several categories described below. Each listing is included in a single category unless it is transportation related, in which case it is cross-related in the transportation section.

The first category, Bomb-Related Events, is concerned with explosives or incendiary devices and related threats. This category has been divided into two sections. Section A contains those events in which a bomb or explosive material was located or an explosion occurred at a licensed facility. Section B contains a chronology of all other bomb-related (e.g., hoax bomb threat) events. Intrusion Events (the second category) includes incidents of attempted or actual penetration of a facility's barriers or safeguards systems. The Missing or Allegedly Stolen section (the third category) includes events in which licensed material was stolen, alleged to be stolen, or found missing. Category IV, Transportation-Related Events, typically includes incidents where licensed material was misrouted or involved in an accident. Material reported missing or stolen during transport, for example, would be included in Category III and cross-referenced in the transportation category. Tampering/Vandalism (the fifth category) includes destruction or attempted destruction of property, parts and equipment which do not directly cause a radioactive release. Category VI, Arson, includes intentional acts involving incendiary materials resulting in damage to property, equipment or other assets. The seventh category, Firearms-Related Events, typically describes the discharge, discovery, or loss of firearms at a licensed facility. Radiological Sabotage, Category VIIIA, includes any deliberate act directed against a licensed activity which could endanger the public health and safety by exposure to radiation. Nonradiological Sabotage, Category VIIIB, includes events characterized by the FBI as sabotage but which could not endanger the public health and safety by exposure to radiation. Alcohol and Drugs, Category IX, includes reasonable suspicion of illegal sale, use, possession, or introduction of a controlled substance and alcohol-related events. Finally, Miscellaneous Events, Category X, are those which hold some interest to safeguards but which do not fit into any of the previously described categories.

Each event listed in the body of the report is identified by an alphanumeric code composed of the appropriate category roman numeral, the last two digits of the year in which the event occurred, and a sequential number for that specific year and category. Each incident listing includes the appropriate date and location and a brief description of the event. Descriptions vary in detail according to the amount of data available through NRC reporting channels.

I. BOMB-RELATED EVENTS

SECTION A - Events in which an explosive or incendiary device or material was located, or an explosion occurred at or in the vicinity of a licensed facility.

IA-69-01 05/04/69 Illinois Institute of Technology
Chicago, IL

Pipe bomb found near reactor building.

IA-70-01 1970 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

A guard reported that he found materials for a homemade bomb in weeds behind a construction area guard shack during early summer. Bomb components were not assembled and an explosion could not have resulted. The materials were located in an area where they would not have been found by casual observation. The guard was suspected of staging a bomb scare, and he was later discharged because of his misconduct. This guard, subsequently reemployed locally, was arrested for his part in a bomb scare at his new job. Dynamite was reportedly found in his car. Fuel present at site.

IA-72-01 11/07/72 State University
Buffalo, NY

Two bombs were found in a building across the street from the reactor building.

IA-74-01 08/26/74 Pilgrim
Boston Edison Company
Plymouth County, MA

At 5:11 p.m., two shots were heard. The second sounded like an explosion. A small fire was then observed in a wooded area next to the plant. Subsequently, it was determined that a small propane gas tank, 12" x 3", had been tied to a tree and fired on, causing it to explode. No penetration of the protected area occurred. The incident occurred in an area open to the public, 200 feet from the fence surrounding the protected area and at least 1/4 mile from the station. Fuel present at site.

IA-77-01 10/10/77 Trojan
Portland General Electric Company
Columbia County, OR

Between 3 and 4 a.m., a pipe bomb detonated next to the visitors center. The explosion was not a threat to the protected areas. Fuel present at site.

IA-78-01 09/01/78 University of New Mexico
Nuclear Engineering Laboratory
Albuquerque, NM

At 9:20 a.m., a small homemade pyrotechnic device was found on the roof of the Nuclear Engineering Laboratory, a well-protected concrete structure. The device was a Band-Aid can wrapped with duct tape, with a partially burnt paper fuse. It held about 50 match heads and some gravel and was no threat to the reactor. The device was so weathered that it probably had been there for months.

IA-82-01 05/26/82 Bellefonte
Tennessee Valley Authority
Jackson County, AL

After a loud noise in a reactor building, a piece of hanger support tubing was found on a wooden platform in the building. The tubing appeared to have been filled with acetylene gas and ignited, which caused the loud noise. No damage to personnel or equipment occurred. Fuel not present at site.

IA-82-02 11/18/82 San Onofre
Southern California Edison Company
San Diego County, CA

San Clemente police arrested a licensee maintenance worker on a charge of possession of explosives. When arrested, the individual had aerial photos of the nuclear power plant. Charges were later dropped due to lack of evidence. Fuel present at site.

IA-82-03 12/07/82 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Agents of the Federal Bureau of Alcohol, Tobacco and Firearms arrested an individual for possession of three destructible devices with the intent to use them to damage or destroy portions of the Diablo Canyon Power Plant. He was indicted by a Federal Grand Jury on December 17, 1982 for possession and receipt of unregistered destructible devices. He was then tried and acquitted. Fuel present at site.

SECTION B - BOMB THREATS

IB-69-01	03/01/69	United Nuclear Corporation (UNC) New Haven, CT
	Bomb threat.	Hoax. A written bomb threat was found on the wall of a latrine. Fuel not present at site.
IB-70-01	04/22/70	United Nuclear Corporation New Haven, CT
	Bomb threat.	Hoax. A bomb threat was overheard while people were conversing.
IB-70-02	09/11/70	Kansas State University
	Bomb threat.	Hoax.
IB-70-03	10/27/70	Dresden Commonwealth Edison Company Grundy County, IL
	Bomb threat.	Hoax. Fuel present at site.
IB-70-04	11/04/70	United Nuclear Corporation New Haven, CT
	Bomb threat.	Hoax.
IB-70-05	11/06/70	United Nuclear Corporation New Haven, CT
	Bomb threat.	Hoax.
IB-70-06	11/10/70	Idaho State University Pocatello, ID
	Bomb threat.	Hoax.
IB-71-01	02/16/71	Yankee-Rowe Yankee Atomic Electric Company Franklin County, MA
	Bomb threat.	Hoax. Fuel present at site.
IB-71-02	03/09/71	Arkansas Nuclear One Arkansas Power & Light Company Pope County, AR
	Bomb threat.	Hoax. Fuel not present at site.

IB-71-03 03/12/71 Yankee-Rowe
Yankee Atomic Electric Company
Franklin County, MA
Bomb threat. Hoax. Fuel present at site.

IB-71-04 06/23/71 Purdue University
Lafayette, IN
Bomb threat. Hoax.

IB-71-05 08/17/71 Oconee
Duke Power Company
Oconee County, SC
Bomb threat. Hoax. At 8:20 a.m., a male called and said that a bomb would go off at 11:30 a.m. Fuel not present at site.

IB-71-06 09/18/71 Surry
Virginia Electric Power Company
Surry County, VA
Bomb threat. Hoax. At 2:30 p.m., a woman called the site and said that a bomb had been planted. A search was conducted with negative results. Fuel not present at site.

IB-71-07 10/13/71 United Nuclear Corporation
New Haven, CT
Bomb threat. Hoax.

IB-71-08 10/18/71 North Anna
Virginia Electric Power Company
Louisa County, VA
Bomb threat. Hoax. Fuel not present at site.

IB-72-01 01/20/72 Surry
Virginia Electric Power Company
Surry County, VA
Bomb threat. Hoax. Fuel present at site.

IB-72-02 03/13/72 General Electric Company
San Jose, CA
Bomb threat. Hoax.

IB-72-03 04/72 Crystal River
Florida Power Company
Citrus County, FL
Bomb threat. Hoax. Fuel not present at site.

IB-72-04	04/72	Beaver Valley Duquesne Light Company Beaver County, PA
		Bomb threat. Hoax. Fuel not present at site.
IB-72-05	04/28/72	North Anna Virginia Electric Power Company Louisa County, VA
		Bomb threat. Hoax. Fuel not present at site.
IB-72-06	05/05/72	North Anna Virginia Electric Power Company Louisa County, VA
		Bomb threat. Hoax. Fuel not present at site.
IB-72-07	05/11/72	North Anna Virginia Electric Power Company Louisa County, VA
		Bomb threat. Hoax. Fuel not present at site.
IB-72-08	05/12/72	North Anna Virginia Electric Power Company Louisa County, VA
		Bomb threat. Hoax. Fuel not present at site.
IB-72-09	05/12/72	Beaver Valley Duquesne Light Company Beaver County, PA
		Bomb threat. Hoax. Fuel not present at site.
IB-72-10	05/30/72	Babcock & Wilcox Company Lynchburg, VA
		Bomb threat. Hoax.
IB-72-11	05/72	Crystal River Florida Power Company Citrus County, FL
		Bomb threat. Hoax. Fuel not present at site.
IB-72-12	05/72	Crystal River Florida Power Company Citrus County, FL
		Bomb threat. Hoax. Fuel not present at site.

IB-72-13	06/02/72	Iowa State University Ames, IA
	Bomb threat.	Hoax.
IB-72-14	06/30/72	Babcock & Wilcox Company Lynchburg, VA
	Bomb threat.	Hoax.
IB-72-15	07/04/72	Fort St. Vrain Colorado Public Service Company Weld County, CO
	Bomb threat.	Hoax. Fuel not present at site.
IB-72-16	08/01/72	Gulf-United Nuclear Fuels Corporation Elmsford, NY
	Bomb threat.	Hoax.
IB-72-17	08/72	San Onofre Southern California Edison Company San Diego County, CA
	Bomb threat.	Hoax. Fuel present at site.
IB-72-18	08/01/72	North Anna Virginia Electric Power Company Louisa County, VA
	Bomb threat.	Hoax. Fuel not present at site.
IB-72-19	08/10/72	North Anna Virginia Electric Power Company Louisa County, VA
	Bomb threat.	Hoax. Fuel not present at site. (See IB-72-20.)
IB-72-20	08/10/72	North Anna Virginia Electric Power Company Louisa County, VA
	Bomb threat.	Hoax. A second threat was received this day. Fuel not present at site.
IB-72-21	08/11/72	North Anna Virginia Electric Power Company Louisa County, VA
	Bomb threat.	Hoax. Fuel not present at site.

IB-72-22 08/14/72 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. Fuel not present at site.

IB-72-23 08/15/72 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. Fuel not present at site.

IB-72-24 09/25/72 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. Fuel not present at site.

IB-72-25 10/06/72 Cooper Station
Nebraska Public Power District
Nemaha County, NE

Bomb threat. Hoax. Fuel not present at site.

IB-72-26 10/20/72 San Onofre
Southern California Edison Company
San Diego County, CA

Bomb threat. Hoax. Fuel present at site.

IB-72-27 10/31/72 Energy Systems & Gulf Environmental

Bomb threat. Hoax. The fuel production department received a threat. The plant was evacuated. A search was conducted with negative results.

IB-72-28 10/31/72 General Atomics Company
San Diego, CA

Bomb threat. Hoax.

IB-72-29 10/31/72 General Atomics Company
San Diego, CA

Bomb threat. Hoax. At 7:15 a.m., a male caller told a guard that three canisters of plastic explosives had been placed at the facility and were set to explode. He stated that his intent was to demonstrate that it could be done, not to cause bodily injury. A search was conducted with negative results.

IB-72-30 12/72 Atomics International Division
Canoga Park, CA
Bomb threat. Hoax.

IB-72-31 12/29/72 Palisades
Consumers Power Company
Van Buren County, MI
Bomb threat. Hoax. Fuel present at site.

IB-73-01 02/05/73 Gulf-United Nuclear Fuels Corporation
Elmsford, NY
Bomb threat. Hoax.

IB-73-02 03/23/73 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA
Bomb threat. Hoax. Fuel not present at site.

IB-73-03 05/03/73 Babcock & Wilcox Company
Naval Plant
Lynchburg, VA
Bomb threat. Hoax. A caller said four bombs were on-site. The plant was evacuated. A search was conducted with negative results.

IB-73-04 05/08/73 Babcock & Wilcox Co. (all plants)
Lynchburg, VA
Bomb threat. Hoax. The caller was believed to be a juvenile. Plants were not evacuated. A search was conducted with negative results.

IB-73-05 06/19/73 San Onofre
Southern California Edison Company
San Diego County, CA
Bomb threat. Hoax. Fuel present at site.

IB-73-06 10/28/73 G. E. Nuclear Energy Division
San Jose, CA
Bomb threat. Hoax.

IB-73-07 11/05/73 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA
Bomb threat. Hoax. Fuel not present at site.

IB-73-08	11/16/73	Turkey Point Florida Power & Light Company Dade County, FL
		Bomb threat. Hoax. Fuel present at site.
IB-74-01	01/06/74	Crystal River Florida Power Corporation Citrus County, FL
		Bomb threat. Hoax. Fuel not present at site.
IB-74-02	01/17/74	GINNA Rochester Gas & Electric Corporation Wayne County, NY
		Bomb threat. Hoax. Fuel present at site.
IB-74-03	01/22/74	Crystal River Florida Power Corporation Citrus County, FL
		Bomb threat. Hoax. Fuel not present at site.
IB-74-04	03/08/74	Maine Yankee Maine Yankee Atomic Power Company Lincoln County, ME
		Bomb threat. Hoax. Fuel present at site.
IB-74-05	03/11/74	Maine Yankee Maine Yankee Atomic Power Company Lincoln County, ME
		Bomb threat. Hoax. Fuel present at site.
IB-74-06	03/13/74	Diablo Canyon Pacific Gas & Electric Company San Luis Obispo County, CA
		Bomb threat. Hoax. Fuel not present at site.
IB-74-07	04/17/74	Westinghouse Columbia, SC
		Bomb threat. Hoax.
IB-74-08	05/03/74	Indian Point Consolidated Edison Company Westchester County, NY
		Bomb threat. Hoax. Fuel present at site.

IB-74-09	05/17/74	Indian Point Consolidated Edison Company Westchester County, NY
		Bomb threat. Hoax. Fuel present at site.
IB-74-10	05/21/74	Atomics International Division Canoga Park, CA
		Bomb threat. Hoax.
IB-74-11	05/29/74	Calvert Cliffs Baltimore Gas & Electric Company Calvert County, MD
		Bomb threat. Hoax. Fuel present at site.
IB-74-12	05/30/74	Connecticut Yankee Connecticut Yankee Atomic Power Company Middlesex County, CT
		Bomb threat. Hoax. Fuel present at site.
IB-74-13	07/15/74	Farley Alabama Power Company Houston County, AL
		Bomb threat. Hoax. Fuel not present at site.
IB-74-14	07/24/74	San Onofre Southern California Edison Company San Diego County, CA
		Bomb threat. Hoax. Fuel present at site.
IB-74-15	08/11/74	Zion Commonwealth Edison Company Lake County, IL
		Bomb threat. Hoax. Fuel present at site.
IB-74-16	08/16/74	Indian Point Consolidated Edison Company Westchester County, NY
		Bomb threat. Hoax. Fuel present at site.
IB-74-17	Summer 1974	Zion Commonwealth Edison Company Lake County, IL
		Bomb threats. Hoaxes. Several bomb threats were received at the plant. Searches were conducted with negative results. Fuel present at site.

IB-74-18	09/07/74	Brunswick Carolina Power & Light Company Brunswick County, NC
	Bomb threat.	Hoax. Fuel not present at site.
IB-74-19	11/01/74	Connecticut Yankee Connecticut Yankee Atomic Power Company Middlesex County, CT
	Bomb threat.	Hoax. Fuel present at site.
IB-74-20	11/04/74	Pilgrim Boston Edison Company Plymouth County, MA
	Bomb threat.	Hoax. Fuel present at site.
IB-75-01	02/20/75	Diablo Canyon Pacific Gas & Electric Company San Luis Obispo County, CA
	Bomb threat.	Hoax. Fuel not present at site.
IB-75-02	02/25/75	Farley Alabama Power Company Houston County, AL
	Bomb threat.	Hoax. Fuel not present at site.
IB-75-03	03/08/75	Zion Commonwealth Edison Company Lake County, IL
	Bomb threat.	Hoax. Fuel present at site.
IB-75-04	03/14/75	Mallinckrodt Chemical Works St. Louis, MO
	Bomb threat.	Hoax.
IB-75-05	04/01/75	Peach Bottom Philadelphia Electric Company York County, PA
	Bomb threat.	Hoax. Fuel present at site.
IB-75-06	04/10/75	Millstone Northeast Nuclear Energy Company New London County, CT
	Bomb threat.	Hoax. At 4:30 p.m., the Waterford Fire Department received a threat. During a search of Unit 2, a small fire was discovered in a cardboard box and it was extinguished. Fuel present at site.

- IB-75-07 04/14/75 Calvert Cliffs
Baltimore Gas & Electric Company
Calvert County, MD
- Bomb threat. Hoax. At 9:30 a.m., a telephone threat was received at the plant. The caller stated that a bomb was inside the containment. Fuel present at site.
- IB-75-08 04/16/75 Unspecified Plant in New York
Consolidated Edison Company
New York, NY
- Bomb threat. Hoax. At 9:30 a.m., the New York Daily News notified Consolidated Edison Company's Central Information group that they had received a call stating that three bombs were placed in two plants. These bombs allegedly were set to explode in two hours; however, the plants were not identified. Searches were conducted with negative results. Fuel present at site.
- IB-75-09 05/06/75 Forked River
Jersey Central Power & Light Company
Ocean County, NJ
- Bomb threat. Hoax. The licensee received a threat by mail. Fuel not present at site.
- IB-75-10 05/12/75 Millstone
Northeast Utilities
New London County, CT
- Bomb threat. Hoax. At 7:20 a.m., New Britain Police received a threat. Local police and fire department personnel searched the site with negative results. Fuel present at site.
- IB-75-11 06/10/75 Hatch
Georgia Power Company
Appling Count, GA
- Bomb threat. Hoax. At 10:35 p.m., a female called the security office from outside the plant and stated that the plant would blow up within 24 hours. A search was conducted with negative results. Fuel present at site.
- IB-75-12 07/04/75 General Electric (Vallecitos)
Pleasanton, CA
- Bomb threat. Hoax. A telephonic threat was received. Search of the center was conducted with negative results.

IB-75-13 07/14/75 Brunswick
Carolina Power & Light Company
Brunswick County, NC

Bomb threat. Hoax. At 7:05 a.m., a switchboard operator received a threat. The Fort Bragg bomb squad conducted a search and determined that the suspicious objects they found were trash. Fuel present at site.

IB-75-14 08/21/75 Unspecified Plant in New York
Consolidated Edison Company
New York, NY

Bomb threat. Hoax. Consolidated Edison Headquarters in New York received a telephonic threat of a bomb explosion, set for 12 noon, at an unspecified facility. Indian Point was notified. A search was conducted with negative results. Fuel present at sites.

IB-75-15 08/22/75 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. At 10 a.m., a telephonic bomb threat was received at the site. A search was conducted with negative results. Fuel present at site.

IB-75-16 09/01/75 Zion
Commonwealth Edison Company
Lake County, IL

Bomb threat. Hoax. A bomb threat was assumed based on a suspicious voice transmission received on the plant's protective force's citizen-band radio. A search was conducted with negative results. Fuel present at site.

IB-75-17 09/20/75 General Electric (Vallecitos)
San Jose, CA

Bomb threat. Hoax. A telephonic bomb threat was received. (See IB-75-18.)

IB-75-18 09/20/75 General Electric (Vallecitos)
San Jose, CA

Bomb threat. Hoax. The second telephonic bomb threat of the day was received. (See IB-75-19.)

IB-75-19 09/20/75 General Electric (Vallecitos)
San Jose, CA

Bomb threat. Hoax. The third telephonic bomb threat of the day was received.

IB-75-20 09/23/75 Brunswick
Carolina Power and Light Company
Brunswick County, NC

Bomb threat. Hoax. At 2:04 p.m., the switchboard operator at Brunswick Unit 1 received a telephonic bomb threat from a male on-site. A search was conducted with negative results. Fuel present at site.

IB-75-21 09/26/75 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 10:20 a.m., a guard at an on-site gate received a call from an on-site extension. The caller stated that there was a bomb in the plant. A search was conducted with negative results. Fuel present at site.

IB-75-22 10/01/75 General Electric (Vallecitos)
San Jose, CA

Bomb threat. Hoax.

IB-75-23 10/03/75 General Electric (Vallecitos)
San Jose, CA

Bomb threat Hoax.

IB-75-24 10/14/75 Westinghouse
Columbia, SC

Bomb threat. Hoax. At 4:50 a.m., a plant guard received a telephonic threat from a male who stated that a bomb was to go off at 7:39 a.m. Supervisory employees conducted a search with negative results.

IB-75-25 10/17/75 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. Fuel present at site.

IB-75-26 11/03/75 Trojan
Portland General Electric Company
Columbia County, OR

Bomb threat. Hoax. At 9:40 a.m., visitors center personnel received a threat that a bomb would explode in 35 minutes. A search was conducted with negative results. Fuel present at site.

- IB-75-27 11/03/75 General Atomics Company
San Diego County, CA
- Bomb threat. Hoax. At 10 a.m., a telephonic threat was received. A search was conducted with negative results. (See IB-75-28.)
- IB-75-28 11/03/75 General Atomics Company
San Diego, CA
- Bomb threat. Hoax. The second bomb threat of the day was received. A search was conducted with negative results.
- IB-75-29 11/04/75 General Atomics Company
San Diego, CA
- Bomb threat. Hoax. A telephonic bomb threat was received. A search was conducted with negative results. (See IB-75-30.)
- IB-75-30 11/04/75 General Atomics Company
San Diego, CA
- Bomb threat. Hoax. The second telephonic bomb threat of the day was received. A search was conducted with negative results. (See IB-75-31.)
- IB-75-31 11/04/75 General Atomics Company
San Diego, CA
- Bomb threat. Hoax. The third telephonic bomb threat of the day was received. A search was conducted with negative results. (See IB-75-32.)
- IB-75-32 11/04/75 General Atomics Company
San Diego, CA
- Bomb threat. Hoax. The fourth telephonic bomb threat of the day was received. A search was conducted with negative results. (See IB-75-33.)
- IB-75-33 11/04/75 General Atomics Company
San Diego, CA
- Bomb threat. Hoax. The fifth telephonic bomb threat of the day was received. A search was conducted with negative results. (See IB-75-34.)
- IB-75-34 11/04/75 General Atomics Company
San Diego, CA
- Bomb threat. Hoax. The sixth telephonic bomb threat was received. A search was conducted with negative results.

IB-75-35 11/08/75 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 8:08 p.m., the Plymouth Police Department received a bomb threat. A search of the site was conducted with negative results. Fuel present at site. (See IB-75-36.)

IB-75-36 11/08/75 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 8:10 p.m., the Plymouth Police Department received the second bomb threat of the day. A search was conducted with negative results. Fuel present at site.

IB-75-37 11/29/75 General Electric (Vallecitos)
San Jose, CA

Bomb threat. Hoax.

IB-75-38 12/08/75 Arkansas
Arkansas Power and Light Company
Pope County, AR

Bomb threat. Hoax. At 7:30 a.m., the construction supervisor received a bomb threat from a caller who stated that a bomb was set to go off in the turbine building at 10:05 a.m. A search was conducted with negative results. Fuel present at site.

IB-75-39 12/11/75 Allied-General Nuclear Services
Barnwell, SC

Bomb threat. Hoax. At 4:36 a.m., a security guard received a telephonic bomb threat. A search was conducted with negative results.

IB-75-40 12/23/75 Oconee
Duke Power Company
Oconee County, SC

Bomb threat. Hoax. Fuel present at site.

IB-75-41 12/23/75 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. Fuel not present at site. (See IB-75-42.)

IB-75-42 12/23/75 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. The second bomb threat of the day was received. Fuel not present at site.

IB-75-43 12/31/75

Oyster Creek
Jersey Central Power & Light Company
Ocean County, NJ

Bomb threat. Hoax. A bomb threat to blow up the nuclear station was received. The person involved was referred to a mental health center. Fuel present at site.

IB-76-01 01/19/76

Babcock & Wilcox Company
Naval Nuclear Fuel Division
Lynchburg, VA

Bomb threat. Hoax. At 3 p.m., a telephonic bomb threat was received. A search of the facility was conducted with negative results.

IB-76-02 01/22/76

Massachusetts Institute of Technology
Boston, MA

Bomb threat. Hoax. At 3 p.m., a telephonic threat was received. A search was conducted with negative results.

IB-76-03 01/23/76

Massachusetts Institute of Technology
Boston, MA

Bomb threat. Hoax. At 2:14 p.m., campus authorities received a bomb threat. A search was conducted with negative results.

IB-76-04 01/30/76

Massachusetts Institute of Technology
Boston, MA

Bomb threat. Hoax. At 1:49 p.m., a telephonic bomb threat was received. A search was conducted with negative results.

IB-76-05 02/03/76

Westinghouse
Columbia, SC

Bomb threat. Hoax. At 4:15 p.m., a telephonic bomb threat was received. A search was conducted with negative results.

IB-76-06 02/04/76

Susquehanna Units
Pennsylvania Power & Light Company
Luzerne County, PA

Bomb threat. Hoax. New York State Police received a call informing them that a bomb was placed at the site and set to go off at 11 a.m. A search was conducted with negative results. Fuel not present at site.

- IB-76-07 03/04/76 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA
- Bomb threat. Hoax. General information concerning a bomb threat was received. Fuel not present at site.
- IB-76-08 03/05/76 Susquehanna
Pennsylvania Power & Light Company
Luzerne County, PA
- Bomb threat. Hoax. At 8:47 a.m., Pennsylvania State Police received a telephonic bomb threat. A search was conducted with negative results. Fuel not present at site.
- IB-76-09 03/05/76 Brunswick
Carolina Power & Light Company
Brunswick County, NC
- Bomb threat. Hoax. At 2:55 p.m., the licensee received a telephonic bomb threat. A search of both sites was conducted with negative results. Fuel present at site.
- IB-76-10 03/08/76 Susquehanna
Pennsylvania Power & Light Company
Luzerne County, PA
- Bomb threat. Hoax. At 8:47 a.m., a subcontractor received a call stating that two bombs had been placed at the construction site. A search was conducted with negative results. Fuel not present at site.
- IB-76-11 03/09/76 Turkey Point
Florida Power & Light Company
Dade County, FL
- Bomb threat. Hoax. At 1:21 p.m., a message which outlined a general threat against the licensee's activities was found at the Miami Herald. The message said that hidden devices were placed in key areas at Turkey Point. A search was conducted with negative results. Fuel present at site.
- IB-76-12 03/15/76 Susquehanna
Pennsylvania Power & Light Company
Luzerne County, PA
- Bomb threat. Hoax. Fuel not present at site.
- IB-76-13 03/16/76 Susquehanna
Pennsylvania Power & Light Company
Luzerne County, PA
- Bomb threat. Hoax. Fuel not present at site.

IB-76-14 03/25/76 Purdue University
West Lafayette, IN

Bomb threat. Hoax. The laboratory director received a general bomb threat against four buildings, one of which housed a research reactor. A search was conducted with negative results.

IB-76-15 03/25/76 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 11:25 a.m., the licensee received a telephonic bomb threat. A search was conducted with negative results. Fuel present at site.

IB-76-16 04/06/76 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. At 10:35 a.m., the licensee received a telephonic bomb threat. A search was conducted with negative results. Fuel present at site.

IB-76-17 04/23/76 Turkey Point
Florida Power & Light Company
Dade County, FL

Bomb threat. Hoax. A local radio station received a message that devices were hidden in key places at Turkey Point and notified the licensee. A search was conducted with negative results. Fuel present at site.

IB-76-18 04/23/76 Grand Gulf
Mississippi Power & Light Company
Claiborne County, MS

Bomb threat. Hoax. The switchboard operator received a bomb threat which said that a bomb was placed in the construction pit. A search was conducted with negative results. Fuel not present at site. (See IB-76-19.)

IB-76-19 04/26/76 Grand Gulf
Mississippi Power & Light Company
Claiborne County, MS

Bomb threat. Hoax. A second threat was received from a caller who stated that the bomb that didn't go off on April 23 would go off this morning. Fuel not present at site.

IB-76-20 05/04/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 8:10 a.m., the licensee received a telephonic threat from an adult male who stated that four bombs had been placed on the site. A search was conducted with negative results. Fuel present at site.

IB-76-21 05/05/76 Diabho Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 8:50 a.m., a radio station received a call from a man who stated that his brother and another individual had welded a bomb into a pipe at the Diablo Canyon reactor and that a bomb was set to explode the next morning. A search was conducted with negative results. Fuel present at site.

IB-76-22 05/07/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. Site security personnel received a telephonic bomb threat. A search was conducted with negative results. Fuel present at site.

IB-76-23 05/31/76 General Electric
Wilmington, NC

Bomb threat. Hoax.

IB-76-24 06/02/76 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. The Plymouth Police Chief relayed a telephonic bomb threat to the licensee. A search was conducted with negative results. Fuel present at site.

IB-76-25 06/03/76 Susquehanna
Pennsylvania Power & Light Company
Luzerne County, PA

Bomb threat. Hoax. A Bloomsburg Bell Telephone Company operator received a call from a man who stated that a bomb would go off between 11 p.m. and 12 midnight at the Susquehanna site. State police investigated. A search was conducted with negative results. Fuel not present at site.

IB-76-26 06/03/76

Nuclear Power Plants
California

Bomb threat. Hoax. A radio station in Berkeley, California, received a telephonic threat which said that an alleged extremist group would release a non-nuclear explosive device from a balloon over a nuclear power plant in California.

IB-76-27 06/07/76

Nuclear Power Plants
Massachusetts

Bomb threat. Hoax. An extortion letter contained a general threat to bomb Logan airport, banks, and a nuclear power plant in Massachusetts.

IB-76-28 06/23/76

Duane Arnold
Iowa Electric Light & Power Company
Linn County, IA

Bomb threat. Hoax. The corporate office received a telephonic bomb threat. Authorities were notified. A search was conducted with negative results. Fuel present at site.

IB-76-29 06/23/76

Nuclear Power Plants
Oregon or Washington

Bomb threat. Hoax. Federal authorities received a call alleging that a group of Indians would attempt to destroy a nuclear power plant in either Oregon or Washington on June 25, 1976, to celebrate Custer's Last Stand. The threat was misunderstood gossip. No incident occurred.

IB-76-30 07/01/76

Farley
Alabama Power Company
Houston County, AL

Bomb threat. Hoax. The construction superintendent received a telephonic bomb threat. A site strike was in progress. A search was conducted with negative results. Fuel not present at site.

IB-76-31 07/03/76

Peach Bottom
Philadelphia Electric Company
York County, PA

Bomb threat. Hoax. Fuel present at site.

IB-76-32 07/14/76

Northern States Power Company (NSP)
Minneapolis, MN

Bomb threat. Hoax. At 10:18 p.m., the NSP local dispatcher received a general bomb threat. No threats were received at any of the NSP plants.

IB-76-33 07/16/76 Beaver Valley
Duquesne Light Company
Beaver County, PA

Bomb threat. Hoax. Shippingport Police received a call advising them that two bombs were in the atomic plant -- one in the stack and one in the power house. A search was conducted with negative results. Fuel present at site.

IB-76-34 08/03/76 Dresden
Commonwealth Edison Company
Grundy County, IL

Bomb threat. Hoax. At 12:58 p.m., the Dresden control room personnel received a bomb threat call from a male who stated that there was a bomb in the control room. A search was conducted with negative results. Fuel present at site.

IB-76-35 08/12/76 Turkey Point
Florida Power & Light Company
Dade County, FL

Bomb threat. Hoax. An unvalidated source reported that an individual tried to obtain explosives to bomb Turkey Point. Fuel present at site.

IB-76-36 08/22/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 11 p.m., plant personnel received a telephonic threat from a male who stated that a bomb would explode at 11:15 p.m. A search was conducted with negative results. Fuel present at site.

IB-76-37 08/25/76 Limerick
Philadelphia Electric Company
Montgomery County, PA

Bomb threat. Hoax. An operator received a call from a male stating that he was going to plant a bomb at Limerick. Fuel not present at site.

IB-76-38 08/31/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 11:25 a.m., the licensee received a telephonic bomb threat. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-39 09/01/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 1:33 p.m., the licensee received a telephonic bomb threat. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-40 09/02/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 9:30 p.m., an adult male telephoned the licensee and stated that a bomb would go off in 24 hours. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-41 09/19/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 8:30 p.m., the licensee received a telephonic bomb threat. Fuel present at site. (See next entry.)

IB-76-42 10/06/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 8:10 a.m., the switchboard operator received a bomb threat from an adult male who stated that a bomb would go off at the plant before lunch. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-43 10/06/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 10 a.m., plant personnel received the second telephonic threat of the day from an adult male who stated that three bombs would go off at the plant at 10:05 a.m. No search was conducted due to lack of time. Fuel present at site. (See next entry.)

IB-76-44 10/06/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 10 p.m., security guard house personnel received the third telephonic bomb threat of the day from an adult male who stated that a bomb would go off. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-45 10/07/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 1 p.m., an adult male called the security guard house and stated that a bomb would go off at 1:10 p.m. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-46 10/13/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 9:05 p.m., plant personnel received a bomb threat from a caller who stated that the bomb was set to go off in the containment building in eight hours. Fuel present at site. (See next entry.)

IB-76-47 10/14/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 2:20 p.m., plant personnel received a telephonic bomb threat. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-48 10/15/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 10:19 a.m., plant personnel received a telephonic threat from an adult male who reported that 12 bombs were scheduled to go off by Tuesday. A search was conducted with negative results. Fuel present at plant. (See next entry.)

IB-76-49 10/15/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 10:42 a.m., plant personnel received the second telephonic threat of the day from an adult female who stated that there were bombs at the plant. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-76-50 10/15/76 North Anna
Virginia Electric Power Company
Louisa County, VA

Bomb threat. Hoax. At 11:28 p.m., plant personnel received the third telephonic bomb threat of the day. A search was conducted with negative results. Fuel present at site.

- IB-76-51 10/15/76 Shippingport Power Plant
Shippingport, PA
- Bomb threat. Hoax. At 12:20 p.m., a guard received a telephonic bomb threat. A search was conducted with negative results.
- IB-76-52 11/03/76 North Anna
Virginia Electric Power Company
Louisa County, VA
- Bomb threat. Hoax. At 2:04 p.m., plant personnel received a telephonic threat from an adult male who stated that a bomb would go off on the second shift. Fuel present at site.
- IB-76-53 11/03/76 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA
- Bomb threat. Hoax. At 10:39 a.m., plant personnel received a telephonic bomb threat from an adult male. A search was conducted with negative results. Fuel not present at site. (See next entry.)
- IB-76-54 11/03/76 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA
- Bomb threat. Hoax. At 1:14 p.m., plant personnel received the second bomb threat of the day from a male caller. A search was conducted with negative results. Fuel not present at site.
- IB-76-55 12/10/76 Calvert Cliffs
Baltimore Gas & Electric Company (BG&E Co.)
Calvert County, MD
- Bomb threat. Hoax. At 6:30 p.m., the customer service switchboard operator of the BG&E Co. received a bomb threat. No time of detonation was given. Fuel present at site.
- IB-77-01 01/26/77 Sumner
South Carolina Electric & Gas Company
Fairfield County, SC
- Bomb threat. Hoax. At 12:10 p.m., the South Carolina Electric & Gas Company Safety & First Aid Office received a telephonic bomb threat from a male who stated that a bomb would go off in about one hour. The call may have originated on-site. All supervisors were notified. Limited searches were made near vital equipment with negative results. Fuel not present at site.

IB-77-02 02/10/77 Westinghouse
Columbia, SC

Bomb threat. Hoax. At 7:20 a.m., a security guard received a call asking when the plant manager came to work. When the guard gave him the information, the caller told the guard to get everyone out of the plant and hung up. A search was conducted with negative results.

IB-77-03 02/17/77 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Bomb threat. Hoax. Plant personnel received a telephonic bomb threat. A search was conducted with negative results. Fuel not present at site.

IB-77-04 03/01/77 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. At 3:15 p.m., a Unit 2 construction switchboard operator received a bomb threat. A muffled male voice stated that everyone should be told to get out because the place was going to blow up. A search was conducted with negative results. Fuel present at site.

IB-77-05 03/03/77 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. At 7:59 p.m., a guard answering the public telephone outside Gate 1 received a threat from a male who stated that a bomb was on the site and would go off that night. A search was conducted with negative results. Fuel present at site.

IB-77-06 03/23/77 Arkansas
Arkansas Power & Light Company
Pope County, AR

Bomb threat. Hoax. A Unit 2 construction switchboard operator received a bomb threat. A search was conducted with negative results. Fuel present at Unit 1. (See next entry.)

IB-77-07 03/23/77 Arkansas
Arkansas Power & Light Company
Pope County, AR

Bomb threat. Hoax. At 1 p.m., the Unit 2 construction switchboard operator received the second bomb threat of the day. A search was conducted with negative results. Subsequently, a female suspect was arrested. Fuel present at Unit 1.

IB-77-08 03/30/77 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:45 p.m., the switchboard operator received a bomb threat from a male who stated that an explosive device had been planted in Unit 1 and would explode before midnight. A search was conducted with negative results. Fuel present at site.

IB-77-09 03/31/77 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 7:28 a.m., a security guard at Waterford #3 received a bomb threat from a caller who stated that the head of security should be told that a bomb had been planted. A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-77-10 03/31/77 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 10:30 a.m., the project superintendent's office received the second telephonic threat of the day. A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-77-11 03/31/77 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 2:30 p.m., the project superintendent's office received the third telephonic threat of the day from a male who stated that this was definitely the last warning and to get out of the site. This voice sounded the same as the 10:30 a.m. caller. Background noises indicated the call probably was made from an on-site phone. Fuel not present at site. (See next entry.)

IB-77-12 04/01/77 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 7:20 a.m., a plant security guard received a telephonic bomb threat from a male. A search was conducted with negative results. Fuel not present at site.

IB-77-13 04/06/77 Salem
Public Service Electric & Gas Company
Salem County, NJ

Bomb threat. Hoax. At 9:10 a.m., the police department advised the licensee that a local radio station had received a telephone call

from a male who stated that "the plant" was going to blow up. A search was conducted with negative results. Fuel present at site.

IB-77-14 04/27/77 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. Plant personnel received a telephonic threat to fire-bomb the site. Fuel not present at site.

IB-77-15 05/10/77 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 1:50 p.m., site personnel received a telephonic bomb threat. A search was conducted with negative results. Fuel not present at sight.

IB-77-16 05/19/77 Summer
South Carolina Electric & Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 12:33 p.m., the South Carolina Electric & Gas Company switchboard operator received a bomb threat from a male who stated that the bomb would go off at the Summer site within 12 hours. A search was conducted with negative results. Fuel not present at site.

IB-77-17 05/24/77 Allied Chemical Company
Metropolis, IL

Bomb threat. Hoax. At 11:40 p.m., the shift foreman received an outside call from an individual who said a bomb in the plant would explode at 1 a.m., May 25, 1977. A search was conducted with negative results.

IB-77-18 06/01/77 Washington Nuclear Power Project
Washington Public Power Supply System
Benton County, WA

Bomb threat. Hoax. At 7:10 a.m., personnel at the common construction area between the units received a telephonic bomb threat, repeated at 7:15 a.m., stating that three bombs were on-site. A local radio station also received the same threat. A search was conducted with negative results. Fuel not present at site.

IB-77-19 08/03/77 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 4:40 p.m., the National Broadcasting Company notified Consolidated Edison that a telephonic threat stated that two of Consolidated Edison's facilities would be bombed. (Two

bombings had already occurred in New York City that day.) A search was conducted with negative results. Fuel present at sites.

IB-77-20 08/15/77 Braidwood
Commonwealth Edison Company
Will County, IL

Bomb threat. Hoax. At 3:15 p.m., the welding supervisor received a telephonic threat stating that three sticks of dynamite had been placed in the Unit 1 containment. No time of detonation was given. A search was conducted with negative results. There had been recent labor problems. Fuel not present at site.

IB-77-21 09/30/77 Grand Gulf
Mississippi Power & Light Company
Claiborne County, MS

Bomb threat. Hoax. At 11:40 a.m., the construction contractor switchboard operator received a threat from a caller who stated that there was a bomb in the reactor room. No time of detonation was given. A search was conducted with negative results. Fuel not present at site.

IB-77-22 10/29/77 Westinghouse
Columbia, SC

Bomb threat. Hoax. At 11:10 p.m., the Westinghouse Manager of Security and Services received a telephonic bomb threat from a male who stated that the facility had a bomb. Two minutes later, the same caller telephoned again and said that he was not kidding, the facility had a bomb. No time of detonation was given. A search was conducted with negative results.

IB-77-23 11/04/77 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 10:50 a.m. a Mt. Vernon, New York, telephone operator received a call from a person who said that he was going to plant a bomb at the site. Police were notified. In the interim, the operator put the call through to Indian Point 2. The caller told a site employee that he had been fired that day, and if he were not rehired, he was going to plant a bomb at Indian Point. A search was conducted with negative results. A suspect was subsequently arrested. Fuel present at site.

IB-77-24 11/06/77 Peach Bottom
Philadelphia Electric Company
York County, PA

Bomb threat. Hoax. Between 7 and 7:30 p.m., a contractor working at Peach Bottom received three calls from a caller attempting to talk to one specific employee. The caller stated that he knew of a person who was planning to place a bomb on-site. A search was conducted with negative results. Fuel present at site.

IB-77-25 11/14/77 Westinghouse
Columbia, SC

Bomb threat. Hoax. At 7:10 p.m., a security officer at the fuel fabrication plant received a call from an individual who stated that two bombs were behind the wall on each... The caller hung up in midsentence. No time of detonation was given. A search was conducted with negative results.

IB-77-26 11/22/77 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 6:50 a.m., the Westchester Business Office of Consolidated Edison received a telephonic threat from a male who stated that a bomb was going to be brought into Unit 3 between 8 a.m. and 12 noon. Fuel present at site.

IB-77-27 12/13/77 Quad-Cities
Commonwealth Edison Company
Whiteside County, IL

Bomb threat. Hoax. At 6:10 p.m., a switchboard operator for the Iowa-Illinois Gas & Electric Company, Davenport, Iowa, received a threat from a male who stated that all the company's offices and plants were going up that night. A search was conducted with negative results. Fuel present at site.

IB-77-28 12/23/77 Braidwood
Commonwealth Edison Company
Will County, IL

Bomb Threat. Hoax. At 7:32 a.m., a secretary for the piping contractor received a telephonic threat from a male who asked if he was talking to the Northern Petro Chemical Company. When she told him it was Braidwood, the caller said that she had better clear everyone out because a bomb was set to explode at 9 a.m. at reactor building #1. A search was conducted with negative results. Fuel not present at site.

IB-78-01 01/04/78 Clinton
Illinois Power Company
Dewitt County, IL

Bomb threat. Hoax. A male called site personnel and stated that there was a bomb on-site. A search was conducted with negative results. Fuel not present at site.

IB-78-02 01/31/78 Summer
South Carolina Electric and Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 1:30 p.m., the switchboard operator received a bomb threat from a caller who stated that there were three bombs about to go off at this plant. A search was conducted with negative results. Fuel not present at site.

IB-78-03 03/02/78 Callaway
Union Electric Company
Callaway County, MO

Bomb threat. Hoax. At 11:07 p.m., a guard received a bomb threat call at the guard house from a male who stated that a bomb would go off in twenty-five minutes. A search was conducted with negative results. Fuel not present at site.

IB-78-04 03/10/78 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 9:25 a.m., Suffolk County Police received a bomb threat from a man who stated that a bomb would go off at the Shoreham Nuclear Site at 5 p.m. Construction superintendents conducted a search with negative results. Fuel not present at site.

IB-78-05 03/28/78 Callaway
Union Electric Company
Callaway County, MO

Bomb threat. Hoax. At 8 p.m., a guard received a telephonic threat from a female who said that a bomb had been placed in the reactor building. No time for detonation was specified. The caller claimed membership in the Symbionese Liberation Army (SLA) and castigated utility personnel. A search was conducted with negative results. Fuel not present at site.

IB-78-06 04/13/78 Oyster Creek/Forked River Plants
Jersey Central Power and Light Company
Ocean County, NJ

Bomb threat. Hoax. At 7:55 a.m., security personnel received a call from an unidentified person, apparently on-site either at Oyster Creek or Forked River, who stated, "There is a bomb in the construction site." Both areas were evacuated and searched with negative results. Fuel present at Oyster Creek site only.

IB-78-07 05/25/78 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. At 7:55 a.m., a security guard received what appeared to be an internal call from a male who stated that a bomb was going off between 9 a.m. and 1 p.m. Searches were conducted at all three sites with negative results. Fuel present at sites 1 and 2.

IB-78-08 06/12/78 General Electric, Vallecitos
San Jose, CA

Bomb threat. Hoax. At 5 p.m., a General Electric Company telephone operator received a bomb threat from a female who indicated that bombs had been placed at three GE facilities, including the Vallecitos Nuclear Center, and were set to explode at 12 noon the next day.

IB-78-09 06/14/78 San Onofre
Southern California Edison Company
San Diego County, CA

Bomb threat. Hoax. A female caller stated that a bomb was set to go off at 3 p.m. Fuel present at site.

IB-78-10 06/16/78 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. At 12:27 p.m., a security guard received a call from a male who stated that a bomb would explode at 1:15 p.m. The call was believed to have originated from on-site. A search was conducted with negative results. Fuel present at site.

IB-78-11 06/22/78 Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Bomb threat. Hoax. Site personnel received a threat letter which claimed four bombs were on-site. The facility was evacuated. A search was conducted with negative results. At 11:42 p.m., a telephonic threat was received from an adult male who said, "We're going to stop construction." Fuel not present at site.

IB-78-12 06/30/78 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Bomb threat. Hoax. The licensee's switchboard operator received a bomb threat from a male who stated, "There is a bomb inside the containment of Unit No. 1." The operator notified the site guard forces and the sheriff. The containment area was evacuated. Fuel not present at site.

IB-78-13 07/07/78 St. Lucie
Florida Power and Light Company
St. Lucie County, FL

Bomb threat. Hoax. At 9:10 a.m., St. Lucie Unit 1 guard house personnel received a telephonic bomb threat from a male who stated, "Watch out for the bomb." A search was conducted with negative results. Fuel present at site.

IB-78-14 07/15/78 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. At 12:13 p.m., a security officer received a call on an in-plant telephone. The caller stated that there was a bomb in the building. A search was conducted with negative results. Fuel present at site.

IB-78-15 08/04/78 Beaver Valley
Duquesne Light Company
Beaver County, PA

Bomb threat. Hoax. At 3:45 p.m., welding shop personnel received a telephone call from a caller who asked for a specific welder and then stated that a bomb was in the power house. The caller seems to have used the company telephone system. Fuel present at site.

IB-78-16 08/18/78 Davis-Besse
Toledo Edison Company
Ottawa County, OH

Bomb threats. Hoaxes. Between 9:30 p.m. and 10:30 p.m., Units 2 and 3 construction site contract guards received three bomb threats, believed to be from the same male. A search was conducted at Unit 1, which was operational, with negative results. Fuel present at Unit 1 site.

IB-78-17 08/27/78 Clinton
Illinois Power Company
Dewitt County, IL

Bomb threat. Hoax. At 9:07 a.m., site personnel received a bomb threat from a caller who stated that a bomb had been planted in the "power check." A search was conducted with negative results. Fuel not present at site.

IB-78-18 09/11/78 Trojan
Portland General Electric Company
Columbia County, OR

An individual was arrested for possession of an illegal weapon and was found also to possess stolen dynamite. The individual said he had offered to sell the dynamite to "friends" who, in turn, allegedly

offered him \$500 to bomb the plant. The individual claimed he went to Trojan to bomb the plant, but was deterred by the security. He said he recontacted his "friends" and offered to bomb the plant for \$10,000. The "friends" did not respond. The individual was arrested a short time later and subsequently convicted for illegal possession of explosives. Fuel present at the site.

IB-78-19 09/18/78 Wolf Creek
Kansas Gas & Electric Company
Coffey County, KS

Bomb threat. Hoax. At 7:32 a.m., the licensee received a bomb threat over the construction company switchboard from a male on-site who said, "There is two bombs on the job that is set for today," (sic). A search was conducted with negative results. Fuel not present at site.

IB-78-20 09/29/78 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 12:30 p.m., site security staff received a call from a male who stated that the place was going to blow up in one hour. A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-78-21 09/29/78 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 12:37 p.m., the second threat of the day was received when a secretary for the on-site piping contractor received a call from a male who stated that he was calling from New Hampshire and was going to blow the place up. A search was conducted with negative results. Fuel not present at site.

IB-78-22 10/15/78 Oyster Creek
Jersey Central Power & Light Company
Ocean County, NJ

Bomb threat. Hoax. At 11:35 p.m., Lacy Township, New Jersey Police received a telephone call from a male who stated that two men would try to detonate a bomb at the Oyster Creek facility. Police contacted the licensee. A search was conducted with negative results. Fuel present at site.

IB-78-23 11/03/78 Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Bomb threat. Hoax. At 1:02 p.m., the on-site operator received a telephone call from a male who stated that there was a bomb planted inside the Unit 1 containment building. A search was conducted with negative results. Fuel not present at site.

IB-78-24 11/16/78 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 10:15 p.m., the French Hospital in San Luis Obispo, California, received a telephonic threat from a male who stated that a bomb would go off at Diablo Canyon at 11:05 p.m. and the hospital should get some beds ready. Two minutes later, the same male called again and stated, "That's at 11:05 a.m. tomorrow." Searches were conducted on November 16 and 17 with negative results. Fuel present at site.

IB-78-25 11/22/78 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 8:25 a.m., the licensee's switchboard operator received a bomb threat from an on-site extension telephone from a male who said that a bomb would go off at 10 a.m. A search was conducted with negative results. No fuel present at site. (See also Items I-78-26 and I-78-29.)

IB-78-26 11/27/78 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 10:20 a.m., the licensee's switchboard operator received a bomb threat from an on-site extension telephone from a caller who said that a bomb would go off at 11 a.m. The switchboard operator realized it was the same male who had called in a bomb threat on November 22, 1978. A search was conducted with negative results. Fuel not present at site. (See also Items I-78-25 and I-78-28.)

IB-78-27 12/12/78 Duane Arnold
Iowa Electric Light & Power Company
Linn County, IA

Bomb threat. Hoax. At 9:40 p.m., a security guard received a telephone call from a male who said, "Listen and listen good. The plant will blow up tonight." No specific time was given. Shortly thereafter, the Company president received a similar call at his home. The male said the bomb would go off at midnight. Security was increased. A search was conducted with negative results. Plant status: shutdown. Fuel present at site.

IB-78-28 12/21/78 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 12:50 p.m., the licensee's switchboard operator received a bomb threat from an on-site extension telephone. The caller said that a bomb was set to explode at 2 p.m. The

operator believed that the caller was the same male who had called in bomb threats on November 22 and 27, 1978. A search was conducted with negative results. Fuel not present at site. (See also Items I-78-25 and I-78-26.)

IB-79-01 01/11/79 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

Bomb threat. Hoax. At 1:30 p.m., the licensee's switchboard operator received a bomb threat from a male caller who said that a bomb would go off at 2 o'clock. The call had been placed from an extension telephone at the 35-foot level of the reactor auxiliary building. The switchboard operator believed that the caller was the same male who had called in bomb threats on November 21 and 27, 1978, and December 21, 1978. Fuel not present at site.

IB-79-02 01/11/79 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

Bomb threat. Hoax. A written bomb threat was discovered on a restroom wall in the plant administration building, inside the protected area. The threat read, "Vietnam will be minuscule compared to the catastrophe (sic) that will soon befall BFNP. Don't worry about a layoff. Worry about a lay-under. Plastic explosives will demolish this plant if placed in these strategic locations. Vietnam taught me a lot of things besides how to kill Gooks. Soon." Fuel present at site.

IB-79-03 01/17/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 7:50 a.m., Sierra Vista Hospital personnel in San Luis Obispo, California, received a call from a male who stated, "You better have 300 beds ready, there is a bomb planted at Diablo Canyon ready to go off at eleven." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-04 01/19/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 12:20 p.m., French Hospital personnel in San Luis Obispo, California, received a telephone call from a male who stated that a bomb was going off at Diablo Canyon on that day. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-05 01/24/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 11:10 a.m., Twin Cities Hospital personnel in Templeton, California, received a call from a female who stated, "Get the hospital beds ready because Diablo Canyon is going to blow up today." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-06 01/26/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 9:19 a.m., French Hospital personnel in San Luis Obispo, California, received a call from a male who stated that a bomb was going to explode at Diablo Canyon before noon. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-07 01/26/79 Diablo Canyon
Pacific Gas and Electric Company (PG&E)
San Luis Obispo County, CA

Bomb threat. Hoax. At 2:33 p.m., PG&E Information Center personnel received a call from a male who stated that a bomb was going to go off at Diablo Canyon about 8 p.m. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-08 02/09/79 Diablo Canyon
Pacific Gas and Electric Company (PG&E)
San Luis Obispo County, CA

Bomb threat. Hoax. At 5 p.m., PG&E Information Center personnel received a call from a female who stated, "There's a bomb at Diablo Canyon." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-09 02/09/79 Diablo Canyon
Pacific Gas and Electric Company (PG&E)
San Luis Obispo County, CA

Bomb threat. Hoax. At 5:05 p.m., a contractor for PG&E at Diablo Canyon received a call from a female who stated, "There's a bomb in Containment 1 that will go off at 8 o'clock." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-10 02/14/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 5:30 p.m., a clerk in the office of an on-site contractor received a telephone call from a female who said

that a bomb was in Unit 1 containment, set to go off at 8 o'clock. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-11 02/21/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 10:35 a.m., General Hospital personnel in San Luis Obispo, California, received a call from a female who said, "You better get a bunch of beds ready. A bomb is going to go off shortly at Diablo." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-12 02/23/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:08 a.m., French Hospital personnel in San Luis Obispo, California, received a call from a female who stated, "Have lots of beds ready. A bomb will go off at Diablo Canyon at 1130 and another at 1430." A search was conducted with negative results. Fuel present at site.

IB-79-13 02/26/79 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 3:35 a.m., a call was received from a person who stated, "I bet you can't find a bomb on the 714 (foot level of the auxiliary building). It will go off in about thirty minutes." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-14 02/27/79 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 10:06 p.m., site personnel received a telephonic bomb threat at the main gate from a person who asked, "Has it gone off yet?" A search was conducted with negative results. Fuel present at site.

IB-79-15 03/01/79 Diablo Canyon
Pacific Gas and Electric Company (PG&E)
San Luis Obispo County, CA

Bomb threat. Hoax. At 4:15 p.m., a male called the PG&E Information Center and said, "There is supposed to be a bomb at 6 o'clock in the turbine building. A search was conducted with negative results. Fuel present at sight.

IB-79-16 03/01/79 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 1:12 a.m., the site public safety officer received a call from a male who stated, "There are six sticks of dynamite, caps and all, in a blue and white igloo lunch box. It should go off at 2 a.m. in the auxiliary building." A search was conducted with negative results. Fuel present at sight.

IB-79-17 03/06/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:50 a.m., a male called the San Luis Obispo Police Department and said that a bomb was going to blow up at the Diablo Canyon Plant at 10 o'clock. A search was conducted with negative results. Fuel present at sight. (See next entry.)

IB-79-18 03/09/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:41 a.m., a male called the San Luis Obispo Sheriff's office and said that a bomb would go off at Diablo Canyon at 10:30. A search was conducted with negative results. Fuel present at sight. (See next entry.)

IB-79-19 03/09/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 5:29 p.m., a female called the Sierra Vista Hospital in San Luis Obispo and said that a bomb at Diablo Canyon would go off at 7 o'clock. A search was conducted with negative results. Fuel present at sight.

IB-79-20 03/17/79 Crystal River
Florida Power Corporation
Citrus County, FL

Bomb threat. Hoax. At 4:00 p.m., personnel at the fossil plant next to the nuclear unit received a telephonic threat from an unknown male who said, "There is a bomb planted at your nuclear plant and it's going off at twelve tonight." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-21 03/21/79 Crystal River
Florida Power Corporation
Citrus County, FL

Bomb threat. Hoax. At 2:25, 2:30, and 2:35, a guard at the fossil fuel plant next to the nuclear unit received telephonic threats from

a male who sounded intoxicated. The caller stated that a bomb was planted in the trailer complex, about 150 yards outside the nuclear plant protected area. A search was conducted with negative results. Fuel present at site.

J-79-22 03/23/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:54 a.m., an unknown male called the San Luis Obispo Sheriff's office and said that a bomb would go off at Diablo Canyon at 12 noon. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-79-23 03/30/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:52 a.m., an male called the San Luis Obispo Sheriff's Department and said, "At eleven, a bomb will destroy Diablo." The licensee was contacted. A search was conducted with negative results. Fuel present at site.

IB-79-24 03/31/79 Susquehanna
Pennsylvania Power & Light Company
Luzerne County, PA

Bomb threat. Hoax. Site personnel received a letter which threatened a series of explosions at both sites if a certain individual working at the site was not fired. Fuel not present at site. (See next entry.)

IB-79-25 04/01/79 Susquehanna
Pennsylvania Power & Light Company
Luzerne County, PA

Bomb threat. Hoax. At 11:55 p.m., a female telephoned the site threatening to "blow up the power plants." A search was conducted with negative results. Fuel not present at site.

IB-79-26 04/02/79 General Atomics Company
San Diego, CA

Bomb threat. Hoax. At 1:25 p.m., a male called the site security office and said, "There will be an explosion in one of the labs in 15 seconds." A search was conducted with negative results.

IB-79-27 04/05/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. AT 6:58 a.m., a male called the San Luis Obispo Sheriff's Department and said, "We have to destroy Diablo

before it destroys us, and today is going to be the day." The licensee was contacted. A search was conducted with negative results. Fuel present at site.

IB-79-28 04/05/79 Hartsville
Tennessee Valley Authority
Trousdale and Smith Counties, TN

Bomb threat. Hoax. At 7:39 p.m., the Hartsville, Tennessee Police Department received a call from a male who said three bombs had been placed at the site and were to go off by morning. A search was conducted with negative results. Fuel not present at site.

IB-79-29 04/06/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:50 a.m., a male called the San Luis Obispo Sheriff's Department and said, "At 10 a.m., no more Diablo." A search was conducted with negative results. Fuel present at site.

IB-79-30 04/07/79 LaSalle
Commonwealth Edison Company
LaSalle County, IL

Bomb threat. Hoax. At 1:50 p.m., a member of the operations staff received a call at the site from a male who stated that there was a bomb in the plant. No time of detonation or location was given. A few moments later, the caller again contacted the same staff member and repeated his message. A search was conducted with negative results. Fuel not present at site.

IB-79-31 04/11/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. The San Luis Obispo Sheriff's office received three threats from a male(s). At 6:45 a.m., the first caller said that a bomb was going to go off at Diablo. At 6:49 a.m., the second caller said, "Three bombs are set to go off at Diablo." At 6:53 a.m., the third caller said, "Another bomb at Diablo." Searches were conducted with negative results. Fuel present at site. (See next entry.)

IB-79-32 04/13/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 6:35 p.m., a male called the San Luis Obispo Sheriff's Department and said, "At nine, a bomb will go off at Diablo." The licensee was contacted. A search was conducted with negative results. Fuel present at site.

IB-79-33 04/26/79 Summer
South Carolina Electric and Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 2:30 p.m., a female called the security station on-site and said, "This is a bomb threat. It will go off in 45 minutes." A search was conducted with negative results. Fuel present at site.

IB-79-34 04/27/79 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. An initially unidentified individual called and said, "At 11 a.m., a bomb will go off at Diablo Canyon and blow up Diablo and the rest of the coast." A search was conducted with negative results. A suspect was subsequently identified and arrested. Fuel present at site.

IB-79-35 04/30/79 University of Southern California
at Los Angeles
Los Angeles, CA

Bomb threat. Hoax. At 8:10 a.m., a male called the University Police and said, "There is a bomb planted in the nuclear facility, set to go off at 1 o'clock." A search was conducted with negative results.

IB-79-36 04/30/79 Summer
South Carolina Electric and Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 3 p.m., the county sheriff's office notified site security personnel that an individual alleging association with Columbia Energy Services Department had received a call at 2:15 p.m. from a female who said that a bomb would go off at Summer. A search was conducted with negative results. Fuel present at site.

IB-79-37 05/09/79 San Onofre
Southern California Edison Company
San Diego County, CA

Bomb threat. Hoax. At 7:55 p.m., a male called the Units 2 & 3 switchboard operator and said, "A bomb is planted in the EDM Center." The EDM is a records center located in the administration center, outside the protected area. The same person telephoned back ten minutes later and said, "The bomb will go off in thirty minutes." A search was conducted with negative results. Fuel present at site.

IB-79-38 05/09/79 Surry
Virginia Electric Power Company
Surry County, VA

Bomb threat. Hoax. At 7:45 p.m., local law enforcement officials informed plant personnel that a Norfolk telephone operator had notified them of a call which stated, "There is a bomb in the Surry Power Plant." A search was conducted with negative results. Fuel present at site.

IB-79-39 05/09/79 Sumner
South Carolina Electric & Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 11:30 a.m., the Unit 1 switchboard operator received a telephone call from a female who said, "My husband was out there to get a job yesterday, and he told me there was a bomb set to go off at 2:30 p.m." A search was conducted with negative results. Fuel present at site.

IB-79-40 05/10/79 Surry
Virginia Electric and Power Company
Surry County, VA

Bomb threat. Hoax. At 3:30 p.m., the telephone switchboard operator on-site for the Daniel Construction Company received a call from a male who stated, "Your warehouses are going to blow up." A search was conducted with negative results. Fuel present at site.

IB-79-41 05/10/79 Byron
Commonwealth Edison Company
Ogle County, IL

Bomb threat. Hoax. At 10:35 a.m., a male called a secretary at the FBI Resident Office at Rockford, Illinois, and stated, "This is in regard to the Byron Nuclear Plant. Are you a secretary, well write this down. At elevation 401 and elevation 451, sometime today, it will happen. We have a bomb that is going to go off." A search was conducted with negative results. Fuel not present at site.

IB-79-42 05/12/79 Surry
Virginia Electric & Power Company
Surry County, VA

Bomb threat. Hoax. At 4 a.m., a male on-site called personnel in the health physics change room and stated, "You better leave that room. There is a bomb in there." A search was conducted with negative results. Fuel present at site.

IB-79-43 05/21/79 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. The Waterford, Connecticut Police received a call from an individual who stated that a bomb was planted on-site and would go off at 1:45 a.m. A search was conducted with negative results. Fuel present at site.

IB-79-44 05/25/79 Harris
Carolina Power & Light Company
Wake County, NC

Bomb threat. Hoax. At 8:31 a.m., a male called the on-site telephone operator and stated, "There is a bomb in the plant set to go off at 9:30 a.m." A search was conducted with negative results. Fuel not present at site.

IB-79-45 05/26/79 United Nuclear Corporation
Wood River Junction, RI

Bomb threat. Hoax. At 11:06 p.m., a male called a member of the security force and stated, "I have planted a bomb there." A search was conducted with negative results.

IB-79-46 05/30/79 Summer
South Carolina Electric & Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 2 p.m., a female called the main switchboard operator and said, "There is a bomb that will go off at 2:30." A search was conducted with negative results. Fuel present at site.

IB-79-47 05/30/79 Zimmer
Cincinnati Gas & Electric Company
Clermont County, OH

Bomb threat. Hoax. At 2:53 p.m., a female called the licensee switchboard operator and said, "A bomb will go off at 5:30 p.m. at the Moscow plant." (Moscow is the town closest to the plant site.) A search was conducted with negative results. Fuel not present at site.

IB-79-48 05/31/79 Hartsville
Tennessee Valley Authority
Trousdale and Smith Counties, TN

Bomb threat. Hoax. At 10 a.m., an individual called the local sheriff and said that there was a bomb at the Hartsville Nuclear Station Units 3 & 4. A search was conducted with negative results. Fuel not present at site.

IB-79-49 05/31/79 Harris
Carolina Power & Light Company
Wake County, NC

Bomb threat. Hoax. At 11 p.m., a male called the on-site telephone operator and stated, "This is the Kudzu Alliance. There is a bomb set to go off at midnight. You better find it." A search was conducted with negative results. Fuel not present at site.

IB-79-50 05/31/79 Wolf Creek
Kansas Gas & Light Company
Coffey County, KS

Bomb threat. Hoax. At 7:50 a.m., a man called the licensee's switchboard operator and said, "Planted a bomb in the turbine bay. You'd better hurry." The call originated from the turbine area. A search was conducted with negative results. Fuel not present at site.

IB-79-51 06/07/79 Trojan
Portland General Electric Company
Columbia County, OR

Bomb threat. Hoax. At 10:45 a.m., a male called the Portland General Electric Corporate office and said, "Unless you shut down Trojan within the next week, I'm going to bomb it. You had better get everyone out of there because I'm going to use a missile." A search was conducted with negative results. Fuel present at site.

IB-79-52 06/15/79 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 10:55 a.m., a female called a contractor company at Diablo Canyon and said, "There is going to be a bomb set to go off at 12:13 p.m. in containment at Diablo." A search was conducted with negative results. Fuel present at site.

IB-79-53 06/15/79 Kerr-McGee Chemical Corporation
West Chicago, IL

Bomb threat. Hoax. Kerr-McGee Corporation Office personnel in Oklahoma City received a bomb threat against the Kerr-McGee West Chicago plant. The bomb was supposed to go off at 3 p.m.. A Kerr-McGee constituent office personnel in West Chicago received a similar threat the same day. Again, the bomb was to explode at 3 p.m. A search was conducted with negative results. Plant status: Shutdown.

IB-79-54 06/22/79 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb Threat. Hoax. At 6:06 a.m., a male called the Chattanooga Police Department and said that there was a bomb placed in the steam plant, set to go off at 6:20 a.m.. A search was conducted with negative results. Fuel present at site.

IB-79-55 06/22/79 Turkey Point
Florida Power Light Company
Dade County, FL

Bomb threat. Hoax. Between 12:30 p.m. and 1:30 p.m., a highly emotional female called the Bechtel Corporation telephone switchboard operator at the site five times. She said she was dying of cancer caused by the Turkey Point Plants, that all she cared about were her children, and that she had paid three men to "blow that place sky high." Fuel present at site.

IB-79-56 06/27/79 Surry
Virginia Electric & Power Company
Surry County, VA

Bomb threat. Hoax. At 5:05 a.m., a male called the contract guard security office at the Surry construction site and stated, "Your place is going to blow up in a half an hour." The security office was evacuated. A search was conducted with negative results. Fuel present at site.

IB-79-57 07/04/79 Surry
Virginia Electric & Power Company
Surry County, VA

Bomb threat. Hoax. At 8:15 a.m., a male called the construction security office and said, "There's a bomb on-site in the Unit 2 containment." The call originated from the 47-foot level of Unit 2 containment. A search was conducted with negative results. Fuel present at site.

IB-79-58 07/12/79 Wolf Creek
Kansas Gas & Electric Company
Coffey County, KS

Bomb threat. Hoax. At 6:32 a.m., a male called the plant security guard on duty at the main gate and said, "A bomb is planted in the job site and will go off this morning." A search was conducted with negative results. Fuel not present at site.

IB-79-59 07/25/79 River Bend
Gulf States Utilities Company
W. Feliciana Parrish, LA

Bomb threat. Hoax. At 12:30 a.m., a male called a security guard at the main gate and said, "At 2 o'clock there is a bomb." A search was conducted with negative results. Fuel not present at site.

IB-79-60 07/30/79 Salem
Public Service Electric & Gas Company
Salem County, NJ

Bomb threat. Hoax. At 4:40 a.m., a male called a member of the site security force and said, "There is a bomb in Salem and if you don't think I'm serious, wait until the demonstration next week." A search was conducted with negative results. Fuel present at site.

IB-79-61 07/30/79 Wolf Creek
Kansas Gas & Electric Company
Coffey County, KS

Bomb threat. Hoax. At 4:30 p.m., a male called a plant security firm employee on a personnel inquiries line and stated, "There is a bomb on the project. A search was conducted with negative results. Fuel not present at site.

IB-79-62 08/04/79 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 2:07 a.m., Hamilton County Police (warned by Chattanooga City Police) notified construction site security office personnel that a man had called and stated that a bomb would go off in the plant at 2:15 a.m.. A search was conducted with negative results. Fuel present at site.

IB-79-63 08/10/79 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 5:53 p.m., a female called the office of a Diablo contractor and said, "There is a bomb set to go off at seven on the racks" (pipe racks in the containment building where contractor personnel were working). A search revealed a small green box with black letters reading "bomb" on a desk in the turbine building. A bomb technician verified that the box was a hoax. Fuel present at site.

IB-79-64 08/16/79 Surry
Virginia Electric & Power Company
Surry County, VA

Bomb threat. Hoax. At 2:05 a.m., an individual called the construction company at the site and said that there was a bomb in the Unit 2 containment area and it would go off in one hour. A search was conducted with negative results. Fuel present at site.

IB-79-65 08/21/79 Sumner
South Carolina Electric & Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 6:25 a.m., a male called the site switchboard operator and said, "There is a bomb planted in the reactor that is going to go off between nine and ten; I did it last night at work." A search was conducted with negative results. Fuel present at site.

IB-79-66 08/24/79 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 8 p.m., a male called and stated that a bomb was set to go off at 8:30 p.m. in the pipe racks. A search was conducted with negative results. Fuel present at site.

IB-79-67 09/17/79 Sumner
South Carolina Electric & Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 6:30 a.m., an individual called the site switchboard and told the receptionist: "A bomb will go off in the building in an hour." A search was conducted with negative results. Fuel present at site.

IB-79-68 09/22/79 St. Lucie
Florida Power & Light Company
St. Lucie County, FL

Bomb threat. Hoax. At 10:30 p.m., an intoxicated male called the St. Lucie County Sheriff's Department and said that he was going to blow up a nuclear plant. Plant security force personnel subsequently determined that he was an off-duty member of their own force. Local authorities arrested him and charged him with a misdemeanor. His employment was immediately terminated. Fuel present at site.

IB-79-69 09/22/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 7:47 a.m., a male called a switchboard operator/security guard long distance and stated, "I've planted a bomb in the fuel building and auxiliary building. We're going to blow this place up once and for all." A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-79-70 09/27/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 10:48 a.m., a male called the switchboard operator/security guard from on-site and stated, "There is a bomb set to go off in the auxiliary building in one hour." A search was conducted with negative results. Fuel not present at site.

IB-79-71 09/27/79 Fort St. Vrain
 Public Service Company of Colorado
 Weld County, CO

Bomb threat. Hoax. At 4:20 p.m., a federal agent contacted the regional NRC office to report that an unidentified militant group had threatened a possible bombing at Fort St. Vrain. Fuel present at site.

IB-79-72 10/08/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 1:35 p.m., a woman called a switchboard operator and said, "I would like for you to know you have a bomb in your main building." A search was conducted with negative results. Fuel not present at site.

IB-79-73 10/10/79 Salem
 Public Service Electric & Gas Company
 Salem County, NJ

Bomb threat. Hoax. At 3 a.m., a male called a member of the site security force and said, "I have planted a bomb in your building." A search was conducted with negative results. Fuel present at site.

IB-79-74 10/11/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 2:52 p.m., an individual on-site called a switchboard operator and stated "There is a bomb in the turbine building." A search was conducted with negative results. Fuel not present at site.

IB-79-75 10/16-21/79 Indian Point
 Consolidated Edison Company
 Westchester County, NY

Bomb/extortion threat. Hoax. At 1:45 p.m., the New York State Police informed the licensee that a local newspaper had received a call at 1:15 p.m. from an individual who said, "I want to let you know that a bomb has been planted at Indian Point. We want \$500,000. There is no security problem." Site bomb threat procedures were initiated, and the FBI was notified. The next day, the local newspaper received an extortion letter that demanded \$500,000 for the Puerto Ricans of America and also stated that a bomb was at the site. Midnight, October 18, 1979, was the deadline for payment. The deadline passed without incident. Fuel present at site.

IB-79-76 10/21/79 Indian Point
 Consolidated Edison Company
 Westchester County, NY

At 4:35 a.m., a male called a New York telephone company operator and stated that a bomb would go off in one hour at the Consolidated Edison nuclear plant. The licensee was notified. A search was conducted with negative results. Fuel present at site. (See also Items IB-79-87 and IB-80-32.)

IB-79-77 10/16/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 8 a.m., a woman called and said, "There is a bomb in the control building." A search was conducted with negative results. Fuel not present at site. (See next entry).

IB-79-78 10/19/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 1:47 p.m., a man called the plant security firm's switchboard operator from on-site and said, "There is a bomb in the auxiliary building." A search was conducted with negative results. No fuel present on site. (See next entry).

IB-79-79 10/23/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 7 a.m., a girl called the plant security firm's personnel trailer and said, "A bomb will go off in your building." A search was conducted with negative results. Fuel not present at site.

IB-79-80 10/23/79 Ginna
 Rochester Gas & Electric Corporation (RGEC)
 Wayne County, NY

Bomb threat. Hoax. At 9:20 p.m., an unidentified male called the RGEC switchboard in Rochester, New York, and said, "There is a bomb planted in the Ginna plant in retaliation for the attempted murder on Highway 490. You better get out there and shut the plant down." A search was conducted with negative results. Fuel present at site.

IB-79-81 10/25/79 Dresden
 Commonwealth Edison Company
 Grundy County, IL

Bomb threat. Hoax. At 11:30 p.m., an individual made a telephonic bomb threat to the site. A search was conducted with negative results. Fuel present at site.

IB-79-82 10/25/79 Wolf Creek
 Kansas Gas & Electric Company
 Coffey County, KS

Bomb threat. Hoax. At 7:58 a.m., a man on-site made a call to the plant security firm's switchboard operator and said, "I'm a member of NORCK. There is a bomb in the building. If you think I am kidding just stick around." A search was conducted with negative results. At 9:07 a.m., the same man made a second call again from on-site (the control building) and stated, "Debbie, I was paid by NORCK to bomb this building, not to kill people, so you better stop messing around. I'm a member of NORCK." A search was conducted with negative results. At 7:50 p.m., a third bomb threat was received when a man telephoned the pipe fabrication shop personnel from on-site and said, "There's a bomb by your chair, you'd better get the hell out of there." The pipe fabrication facilities were searched with negative results. Fuel not present at site.

IB-79-83 10/29/79 South Texas
Houston Lighting & Power Company
Matagorda County, TX

Bomb threat. Hoax. At 9 a.m., a male called the Houston Police Department and stated, "A bomb is set to go off at the Southwest Nuclear Project at 12 noon today." Police notified the licensee. A search was conducted with negative results. Fuel not present at site.

IB-79-84 10/29/79 Carolina Power & Light Company
Raleigh, NC

Bomb threat. Hoax. At 11:30 a.m., an individual telephoned a bomb threat to utility headquarters in Raleigh. A search was conducted at the reactors with negative results. Fuel present at two of the utility's sites.

IB-79-85 11/01/79 General Electric Company
Wilmington, NC

Bomb threat. Hoax. At 10 a.m., management personnel observed that an employee was acting strangely. Upon the advice of plant medical department personnel, the local Sheriff's department personnel took the employee to the city hospital. On the way, the individual stated, "The assembly area is going to blow up." The plant was notified. A search was conducted with negative results.

IB-79-86 11/03/79 Clinton
Illinois Power Company
Dewitt County, IL

Bomb threat. Hoax. At 12:50 p.m., a male called site security office personnel and said, "A bomb will go off in the power block this afternoon, sucker." A search was conducted with negative results. Fuel not present at site.

IB-79-87 11/06/79 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb/extortion threat. Hoax. Local newspaper staff relayed an extortion bomb threat to the site. A search was conducted with negative results. Fuel present at site. (See also items IB-79-75 and IB-80-32.)

IB-79-88 11/14/79 Wolf Creek
Kansas Gas & Electric Company
Coffey County, KS

Bomb threat. Hoax. At 9:29 a.m., a male called the plant security firm's switchboard operator and said, "Bomb in the control building." A search was conducted with negative results. Fuel not present at site.

IB-79-89 11/15/79 Callaway
Union Electric Company
Callaway County, MO

Bomb threat. Hoax. At 7:50 a.m., a male called the telephone operator at Daniel Construction Company and said, "There is a bomb there today." A search was conducted with negative results. Fuel not present at site.

IB-79-90 11/19/79 Dresden
Commonwealth Edison Company
Grundy County, IL

Hoax device. Security personnel discovered a hoax device while searching vehicles and trailers in the owner-controlled area. Site personnel knew such a search would occur. Thus, it was speculated that the hoax device was a prank or an attempt to test the thoroughness of the search. Fuel present at site.

IB-79-91 12/03/79 Callaway
Union Electric Company
Callaway County, MO

Bomb threat. Hoax. At 9:45 p.m., [redacted] telephoned a site security officer and stated that [redacted] go off at 9:55 p.m. and that it was in the middle of [redacted]. A search was conducted with negative results. Fuel [redacted] present at site.

IB-79-92 12/07/79 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. At 11:30 a.m., an individual called a Metropolitan Edison Company operator in Reading, Pennsylvania, and asked about "the rumor that they were going to bomb TMI." The caller then said, "Well, you better close it down." A search was conducted with negative results. Fuel present at site.

IB-79-93 12/10/79 General Atomic Company
San Diego, CA

Bomb threat. Hoax. At 8:15 p.m., during a routine check of a telephone message recorder used by employees to call in sick, a shift foreman heard a message recorded earlier the same day which stated, "I just put a bomb in the washroom around the corner from the office of you know who. The bomb is set to go off at twelve tomorrow. If you want more information, call _____." (A non-working number was given). A search was conducted with negative results.

IB-79-94 12/24/79 Callaway
Union Electric Company
Callaway County, MO

Bomb threat. Hoax. At 6:05 p.m., a male called a dispatcher for the licensee and stated, "There's two thousand pounds of TNT in your Callaway plant set to go off at 7 p.m." A search was conducted with negative results. Fuel not present at site.

IB-80-01 01/08/80 Wolf Creek
Kansas Gas & Electric Company
Coffey County, KS

Hoax device. At 2:20 a.m., a worker discovered a simulated bomb in the north end of the turbine building at the 200-foot level. The county sheriff examined the device and said it was fake. Fuel not present at site. (See next entry.)

IB-80-02 01/11/80 Wolf Creek
Kansas Gas & Electric Company
Coffey County, KS

Bomb threat. Hoax. At 3:20 p.m., a site portable-toilet supplier notified the site project manager of a call from a male who said, "There is a bomb in one of your toilets." A search was conducted with negative results. Fuel not present at site.

IB-80-03 01/16/80 Fort St. Vrain
Colorado Public Service Company
Weld County, CO

Smoke bomb. At 3 p.m., a driver delivering material to the site noted a box under a power line tower 3/4 of a mile from the site. Licensee personnel initially identified the box as a bomb, so the licensee removed power from that section of the line. However, the local sheriff determined that the device was an inoperative smoke bomb. Fuel present at site.

IB-80-04 01/24/80 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 8:22 p.m., a male called the guard house and said, "A bomb is going off in twenty minutes. It's no joke." A search was conducted with negative results. Fuel present at site.

IB-80-05 01/25/80 Westinghouse Nuclear Training Center
Zion, IL

Bomb threat. Hoax. At 12:57 p.m., a male telephoned and suggested that they should be "blowed-up." He also said, "Why don't you shut that place down," "you're going to blow us all up," "you

should be bombed," and "I have the parts, but don't know how to make one, but I'll find someone to help me." Center personnel thought that this threat was intended for the Zion nuclear power station. Fuel present at site. (See next entry.)

IB-80-06 01/25/80 Zion
Commonwealth Edison Company
Lake County, IL

Bomb threat. Hoax. At 2:15 p.m., a male telephoned the resident NRC inspector (believed to be the same who had earlier called Westinghouse--see previous entry) and said, "I have a megatron bomb that will blow you off the face of the earth. You'd better watch out." The caller kept repeating "SLA, SLA." A search was conducted with negative results. Fuel present at site.

IB-80-07 01/25/80 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 12:35 p.m., a person telephoned a bomb threat to guard house personnel. A search was conducted with negative results. Fuel present at site.

IB-80-08 01/26/80 Trojan
Portland General Electric Company
Columbia County, OR

Bomb threat. Hoax. At 1:45 p.m. and 1:54 p.m., a person called a local Portland radio station and said, "I'm leaving it up to you; I've planted a bomb at Trojan." The licensee was notified and conducted a search with negative results. Fuel present at site.

IB-80-09 01/30/80 Callaway
Union Electric Company
Callaway County, MO

Hoax explosives. The licensee notified NRC personnel that a package addressed to a quality control (QC) inspector had been received at the site. When the package was opened, one loose package and three plastic containers marked "Warning-High Energy Explosive" were found. The QC inspector had filled out a referral card in a magazine and expected to receive only literature. The vendor indicated that the received materials were not dangerous. Fuel not present at site.

IB-80-10 01/30/80 Trojan
Portland General Electric Company
Columbia County, OR

Bomb threat. Hoax. At 4:50 p.m., the local municipal police informed the site personnel that the police had received bomb threats against Trojan at 4:45 and 4:48 p.m. from the same

individual. The caller had stated, "Trojan is going to blow up at 5 o'clock." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-80-11 02/02/80 Trojan
Portland General Electric Company
Columbia County, OR

Bomb threat. Hoax. The local police received a call from a male believed to be the same person who threatened the site on January 30, 1980, who said, "I have planted a bomb at Trojan, Heil Hitler." The site was notified. A search was conducted with negative results. Fuel present at site.

IB-80-12 02/13/80 St. Lucie
Florida Power & Light Company
St. Lucie County, FL

Bomb threat. Hoax. At 3:12 p.m., an individual telephoned the Unit 2 switchboard operator/receptionist and said, "There will be a bomb going off within the hour." A search was conducted with negative results. Fuel not present at site.

IB-80-13 02/18/80 Prairie Island
Northern States Power Company
Goodhue County, MN

Bomb threat. Hoax. At 10:30 a.m., a female telephoned the Company switchboard operator and stated that one bomb was planted in the corporate office and another at Prairie Island. Both were set to explode at 11:30 a.m. A search was conducted with negative results. Fuel present at site.

IB-80-14 02/24/80 Harris
Caroline Power & Light Company
Wake County, NC

Bomb threat. Hoax. At 9:35 p.m., an individual telephoned the construction site personnel and said that between then and 8 a.m. a series of bombs would go off and level the whole plant. A search was conducted with negative results. Fuel not present at site.

IB-80-15 02/27/80 University of Utah
Nuclear Engineering Laboratory
Salt Lake City, UT

Bomb threat. Hoax. An individual telephoned the university president's office and said that a bomb had been placed in the Nuclear Engineering Laboratory. A search was conducted with negative results. Fuel present at site.

IB-80-16 03/04/80 Watts Bar
Tennessee Valley Authority
Spring City County, TN

Bomb threat. Hoax. At 11 a.m., a threat note was found at the construction site, in the Unit 1 auxiliary building. The threat (on white plastic tape) said, "To be...(unintelligible)... tonight the bomb will go off." A search was conducted with negative results. Fuel present at site.

IB-80-17 03/21/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 5:28 p.m., a male telephoned a local telephone company employee and said, "There is a bomb in Indian Point." Company personnel notified the police who notified the site personnel. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-80-18 03/23/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 6:30 p.m., an individual telephoned a guard at a glass company in Rockland, New York, and criticized the company's service and the way that the Iranian situation was being handled. He stated that bombs were set to go off between 7 a.m. and 12 noon, on March 24, 1980, at the glass company, a local utility, and Indian Point. He also said that the bombs would work this time and he would help the Iranian hostages. The three named facilities were notified. A search was conducted with negative results. Fuel present at site.

IB-80-19 03/25/80 Calvert Cliffs
Baltimore Gas & Electric Company
Calvert County, MD

Bomb threat. Hoax. At 12:40 p.m., an individual carrying two paper bags walked to the perimeter fence outside the protected area and demanded immediate access. He stated he would blow up the plant if his request were not granted. The man was detained and subsequently arrested by the state police. There were no explosives in the bags. The individual stated that he was Jesus Christ and that his commandments were not being obeyed. Fuel present at site.

IB-80-20 03/27/80 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. At 5:48 p.m., an unknown male called the Harrisburg, Pennsylvania, community emergency telephone number. He said, "A bomb has been planted on TMI (Three Mile Island) and will go off tomorrow." About fifteen minutes later, a male called the TMI switchboard and said "You better have your Keystone Cops (meaning State Police, according to the licensee) on-site tomorrow because a bomb was planted several days ago and will go off tomorrow." The licensee and State Police believed the same person made both calls. A search was conducted with negative results. Fuel present at site.

IB-80-21 04/04/80 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 10:48 p.m., an individual telephoned the local fire department and said, "This is an unknown terrorist. There is an explosive device in the Pilgrim waste container water storage facilities. Bye, Bye." The licensee was notified. A search was conducted with negative results. Fuel present at site.

IB-80-22 04/14/80 River Bend
Gulf States Utilities
W. Feliciana Parrish, LA

Bomb threat. Hoax. At 7:08 a.m., a male telephoned the contractor's switchboard operator and said, "We planted a bunch of bombs out there and we are going to blow your...up." The call may have been labor-related. A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-80-23 04/15/80 River Bend
Gulf States Utilities
W. Feliciana Parrish, LA

Bomb threat. Hoax. At 6:35 a.m., a man telephoned a security guard and hurriedly said, "That place is going up, blowing sky high, baby." When asked "When?" the caller replied, "Wait and see." A search was conducted with negative results. Fuel not present at site.

IB-80-24 04/18/84 Yellow Creek
Tennessee Valley Authority
Tishomingo County, MS

Bomb threat. Hoax. At 11 p.m., a woman telephoned the desk officer at the construction site and said that she had overheard two men talking about an explosive device that had been placed in

a building at the site. The bomb would explode between 11:30 p.m. and 12:30 a.m. She said she did not want to see anyone get hurt. A search was conducted with negative results. Fuel not present at site.

IB-80-25 04/22/80 River Bend
Gulf States Utilities
W. Feliciana Parrish, LA

Bomb threat. Hoax. At 11:05 a.m., a male telephoned a local TV station and said, "Do you want some good news? Be at the nuclear power plant site at 12:30 today and see a bomb go off." The licensee was notified. A search was conducted with negative results. Fuel not present at site.

IB-80-26 04/23/80 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 2:30 a.m., a male called the site and said, "How would you like to check out a bomb threat in the component cooling system - Reactor 1? Never mind--I'm just one of those anti-nuclear people. Never mind--I don't know, I was supposed to call at 2:30." While a search was being conducted, the same person called again. Also, at 3 a.m., a local radio station received two telephone calls about a bomb threat at the site. A search was conducted with negative results. Fuel present at site.

IB-80-27 05/02/80 Beaver Valley
Duquesne Light Company
Beaver County, PA

Bomb threat. Hoax. At 7:52 a.m., a caller contacted a shop steward at the construction site and said, "I'm going to blow you up. You can do what you want." A search was conducted with negative results. Fuel not present at site.

IB-80-28 05/06/80 Yellow Creek
Tennessee Valley Authority
Tishomingo County, MS

Bomb threat. Hoax. At 7 p.m., a woman called the construction site desk officer and said that a bomb would go off at the site in two hours. A search was conducted with negative results. Fuel not present at site.

IB-80-29 05/17/80 Forked River/Oyster Creek
Jersey Central Power & Light Company
Ocean County, NJ

Bomb threat. Hoax. At 2:29 p.m., a person telephoned the local police radio dispatcher and said that a bomb was in the Forked River plant at Oyster Creek. Both sites were searched with negative results. Fuel present only at Oyster Creek.

IB-80-30 05/18/80 Turkey Point
Florida Power & Light Company
Dade County, FL

Bomb threat. Hoax. At 1:51 p.m., a male telephoned the County Police Safety Department and said, "There is a bomb at Turkey Point." Site personnel were notified of this threat and told that other similar threats had been received throughout the day. A search was conducted with negative results. Fuel present at site.

IB-80-31 05/19/80 Westinghouse
Columbia, SC

Bomb threat. Hoax. At 2 p.m., a angry man telephoned the receptionist and said, "There is a bomb in the plant, and this is no lie." A search was conducted with negative results.

IB-80-32 05/19/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. Between 3:30 and 4 p.m., an individual made four telephone calls threatening to "blow up Indian Point with bombs that were set to go off." Two calls were made to a local newspaper. The other two were made to the Peekskill town supervisor. The caller claimed to be a member of the FALN (Armed Forces for the National Liberation of Puerto Rico), a terrorist organization, and took credit for a fire at a toxic chemical storage building in Elizabeth, New Jersey, on April 24, 1980. A search was conducted with negative results. Fuel present at site. (See also items IB-79-75, IB-79-87 and IB-80-35.)

IB-80-33 05/22/80 Zimmer
Cincinnati Gas & Electric Company
Clermont County, OH

Hoax Device. At 7:14 p.m., a patrolling security guard discovered a cardboard box near the service water intake structure. The local sheriff was summoned and found that the box contained stones. Coincident with discovery of this hoax device, an individual telephoned the local sheriff's office at 7:58 p.m. and the nearby police department at 8:44 p.m. At 10:54 p.m., the same caller contacted the local sheriff's office again and said, "I see you found the first one, but you won't find the second one, which is set to go off at 3 a.m. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-80-34 05/23/80 Zimmer
Cincinnati Gas & Electric Company
Clermont County, OH

Bomb threat. Hoax. At 10:58, a male telephoned the plant secretary and said he wanted to speak with the plant manager and

another individual. He said, "They found my package yesterday. I have another one there today. At four when the alarm sounds, it will go off." (An "alarm" is sounded at 4 p.m. each day at quitting time.) A search was conducted with negative results. Fuel present at site.

IB-80-35 05/28/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 7:30 p.m., a local citizen called the Buchanan City Police and stated that a male had called her and stated that three bombs were planted at Indian Point. The male had claimed to be a member of the FALN. A search was conducted with negative results. Fuel present at site. (See I-80-32, I-80-38, I-80-39 and next entry.)

IB-80-36 06/01/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 11:30 p.m., the local police notified the licensee that the wife of the mayor of Buchanan, New York, had received a telephone call at 11:15 p.m. that was intended for the mayor. The caller said, "This is the FALN. There are bombs at Indian Point, and our demands have not been met." A search was conducted with negative results. Fuel present at site. (See also I-80-38 and I-80-39.)

IB-80-37 06/02/80 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 10:45 a.m., a male called the contractor at the site and said, "It's going to blow up at 12 noon." A search was conducted with negative results. Fuel present at site.

IB-80-38 06/03/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 10:05 p.m., a male telephoned local newspaper personnel and said, "We got the Statue of Liberty today. Indian Point is next. The FALN is taking credit for it." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-80-39 06/04/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 12:20 p.m., a male telephoned personnel at a New York City newspaper and said that he was a member of the FALN and that "Indian Point is next." A search was conducted with negative results. Fuel present at site.

IB-80-40 07/09/80 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. At 2:50 a.m., a male telephoned the licensee switchboard operator and said, "Your power plant will be blown up at 4 a.m." A search of Units 1 and 2 was conducted with negative results. Fuel present at site.

IB-80-41 07/09/80 Yellow Creek
Tennessee Valley Authority
Tishomingo County, MS

Bomb threat. Hoax. At 9:07 a.m., a woman telephoned the public safety desk officer through the site switchboard at the construction site and said, "I'm just going to say this once, so listen carefully. There are three bombs in the reactor area." The licensee evacuated the site. A search was conducted with negative results. Fuel not present at site.

IB-80-42 07/12/80 Clinton
Illinois Power Company
Dewitt County, ILL

Bomb threat. Hoax. At 2:59 p.m., a male on-site telephoned the site switchboard operator and said that there was a bomb in the power block. A search was conducted with negative results. Fuel not present at site.

IB-80-43 07/15/80 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. At 8:58 p.m., an individual called the Three Mile Island plant switchboard operator and stated, "This is the Klu Klux Klan. We are going to blow up TMI at midnight." A search was conducted with negative results. Fuel present at site.

IB-80-44 07/16/80 Clinton
Illinois Power Company
Dewitt County, ILL

Bomb threat. Hoax 5:25 p.m., a female telephoned the switchboard operator and said in a loud voice, "We're going to blow the damn place up tonight. D'ya hear me? We're going to blow that damn place up." A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-80-45 07/17/80 Clinton
 Illinois Power Company
 Dewitt County, ILL

Bomb threats. Hoaxes. At 10:15 a.m., a female called and said that a bomb had been placed in the turbine building. At 10:30 a.m., a male called and said that the aforementioned bomb was not in the turbine building, but in the reactor building. At 12:40 p.m., a male caller asked the switchboard operator why the site had not been evacuated. He told the operator that she had better leave because a bomb was located near her. Searches were conducted with negative results. At 7:10 p.m., a male calling from off-site stated twice, "There are two bombs planted in the power block structure." The facility was searched with negative results. Fuel not present at site. (See next entry.)

IB-80-46 07/18/80 Clinton
 Illinois Power Company
 Dewitt County, ILL

Bomb threat. Hoax. At 8:37 a.m., a male caller telephoned from inside the plant and stated, "There are bombs on the property--evacuate immediately." Site personnel received three more threats. At 9:55 a.m., a male telephoned the switchboard operator and said, "Has the mail been picked up? You are going to get a surprise--a big surprise in it." Again, at 10:05 a.m., he repeated his message. Finally, at 11:05 a.m., he said, "Now I'm going to do it, I'm really going to do it." A search was conducted with negative results. Fuel not present at site.

IB-80-47 07/22/80 Browns Ferry 1
 Tennessee Valley Authority
 Limestone County, AL

Bomb threat. Hoax. At 11:20 p.m., a female telephoned the City Police Department of Florence, Alabama, and said that a bomb was set to go off in the Unit 1 reactor building at 11:30 p.m. Police notified the licensee. A search was conducted with negative results. Fuel present at site.

IB-80-48 07/24/80 Clinton
 Illinois Power Company
 Dewitt County, IL

Bomb threat. Hoax. At 7:30 a.m., a male telephoned the switchboard operator on-site and said, "Could you tell security that I planted two bombs on-site last night?" A search was conducted with negative results. Fuel not present at site.

IB-80-49 07/24/80 Phipps Bend
Tennessee Valley Authority
Hawkins County, TN

Bomb threat. Hoax. At 2:30 p.m., an individual telephoned the site switchboard operator and said, "That nuclear plant is going to blow up, and I'll see you in hell." A search was conducted with negative results. Fuel not present at site.

IB-80-50 08/01/80 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threats. Hoaxes. At 9:26 p.m., an unidentified person telephoned the Public Safety Service Security Office for Construction and stated, "Three sticks of dynamite will go off in the auxiliary building." At 9:35 p.m., he called again and stated, "There is going to be an explosion in 15 minutes--dynamite--elevation 714." The licensee conducted a search with negative results. Fuel present at site.

IB-80-51 08/04/80 Phipps Bend
Tennessee Valley Authority
Hawkins County, TN

Bomb threat. Hoax. At 8:50 a.m., a male telephoned the site switchboard operator and said that a bomb had been placed on-site and that all personnel should leave the site. He added that the "bombs" would be set off at 9:30 a.m. A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-80-52 Phipps Bend
Tennessee Valley Authority
Hawkins County, TN

Bomb threat. Hoax. At 2:30 p.m., an individual telephoned a bomb threat to the site switchboard operator. The licensee conducted a search with negative results. No fuel present at site.

IB-80-53 08/07/80 Trojan
Portland General Electric Company
Columbia County, OR

Bomb threat. Hoax. At 4:58 p.m., a male calling himself "Jerry" telephoned the Longview Daily News in Longview, Washington, and said that he had placed 750 lbs of primer cord between the 90'-120' level of the cooling tower and that it was set to go off at 12 midnight. "Jerry" claimed to be both an ex-security guard at Trojan and a Vietnam veteran, and that this was "the real thing." A search was conducted with negative results. Fuel present at site.

IB-80-54 08/22/80 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 6:04 p.m., a male telephoned site personnel and said, "A bomb is going to go off in 30 minutes." The licensee conducted a search with negative results. Fuel present at site.

IB-80-55 08/26/80 Combustion Engineering
Windsor, CT

Bomb threat. Hoax. At 1:15 p.m., an individual telephoned licensee personnel and said, "Nuclear destroys, solar employs, you know it is going to blow up today." A search was conducted with negative results. Fuel present at site.

IB-80-56 08/29/80 Clinton
Illinois Power Company
Dewitt County, IL

Bomb threat. Hoax. At 7:42 a.m., a male telephoned the central switchboard and was transferred to the security office. He said, "There is a bomb and it will go off this morning." A search was conducted with negative results. Fuel not present at site.

IB-80-57 09/05/80 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

Bomb threat. Hoax. At 1:16 p.m., a male called the shift engineer's telephone (a direct line from Decatur, Alabama) and said, "A bomb is set to go off in the reactor building in an hour and fifteen minutes. This is no joke." A search was conducted with negative results. Fuel present at site.

IB-80-58 09/11/80 Robinson
Carolina Power & Light Company
Darlington County, SC

Bomb threat. Hoax. At 12:45 a.m., a male telephoned the licensee's answering service and indicated that there were three bombs planted in the reactor, set to go off at various time intervals before 6 a.m. A search was conducted with negative results. Plant status: Operational (but shut down for refueling). Fuel present at site.

IB-80-59 09/11/80 Palisades
Consumers Power Company
Van Buren County, MI

Bomb threat. Hoax. At 7:12 p.m., the site security supervisor stated that a woman telephoned several off-duty guards, instructing them to report for duty because a bomb had been placed in the Guard Captain's office. A search was conducted with negative results. Fuel present at site.

IB-80-60 09/16/80 Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

An individual telephoned the Bechuel (contractor) switchboard operator and said that a bomb was in a car in the construction parking lot. A search was conducted with negative results. Fuel not present on site.

IB-80-61 09/18/80 Robinson
Carolina Power & Light Company
Darlington County, SC

Bomb threat. Hoax. At 10:50 p.m., an excited female telephoned the licensee's answering service and said, "My husband planted a bomb." A search was conducted with negative results. Plant status: Operational (but in shutdown). Fuel present at site. (See next entry.)

IB-80-62 09/20/80 Robinson
Carolina Power & Light Company
Darlington County, SC

Bomb threats. Hoaxes. At 8 a.m., a male telephoned the switchboard operator and said, "There is a bomb set to go off in Unit 2." At 12:20 p.m., he called again and said, "This is no joke. I'll give you a hint. There is a bomb ready to go off and it's made of plastic explosives." Searches were conducted with negative results. Fuel present at site.

IB-80-63 10/01/80 Arkansas Nuclear One
Arkansas Power & Light Company
Pope County, AR

Bomb threat. Hoax. At 8:40 a.m., a male from an on-site pay phone called a dispatcher of the Russellville, Arkansas Police Department and said, "A bomb is set at the nuclear plant." The police notified the licensee. A search was conducted with negative results. Fuel present at site.

IB-80-64 10/03/80 Zion
Commonwealth Edison Company
Lake County, IL

Bomb threat. Hoax. At 11:30 a.m., a young male called a local radio station and said, "If Zion operations does [sic] not shut down, the Horizon and Pierce High School campuses will be bombed. The bombs are at the schools and will go off at 2:30 p.m. if Zion does not shut down." The licensee was notified and increased security. Fuel present at site.

IB-80-65 10/28/80 Nuclear Fuel Services
West Valley, NY

Bomb threat. Hoax. At 6:45 p.m., a male telephoned and stated that "the whole place would be blown up." A search was conducted with negative results.

IB-80-66 11/04/80 Harris
Carolina Power & Light Company
Wake & Chatham Counties, NC

Bomb threat. Hoax. At 11:45 a.m., a female telephoned the construction site switchboard operator and stated, "There is a bomb there, and it is set to go off in 15 minutes." A search was conducted with negative results. Fuel not present at site.

IB-80-67 11/14/80 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 7:30 a.m., a nervous male telephoned plant personnel and said, "There is a bomb set to go off." An unclear time was given, but sounded like seven or eleven. He then said, "Get those people out of there." No date was specified. A search was conducted with negative results. Fuel present at site.

IB-80-68 11/18/80 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 6 p.m., an individual telephoned the 13th Precinct, New York City Police Department, and threatened to place a bomb at the Consolidated Edison System. All stations of the Consolidated Edison Corporation were notified, including Indian Point. A search was conducted with negative results. Fuel present at site.

IB-80-69 11/22/80 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 9:30 p.m. a TVA Public Safety Officer was caught in the act of making an on-site telephonic bomb threat. The officer claimed it was a practical joke. His employment was terminated. Fuel present at site.

IB-80-70 11/28/80 Brunswick
Carolina Power & Light Company
Brunswick County, NC

Bomb threats. Hoaxes. At 8:35 a.m., a male called a Unit 2 control room operator via the site intercom and stated, "I have just planted a bomb on the 80' turbine and if you can't find it by

ten -- too bad." Although there is no 80' turbine deck level at Brunswick, there are 80' levels at other plant locations. A search was conducted with negative results. At 1:48 p.m. the same person telephoned the Unit 2 control room personnel, via site intercom, and said, "Did you find that bomb this morning? I rewired it and it will go off at 4 p.m., and you will never find it." A search was conducted with negative results. Fuel present at site.

IB-80-71 12/12/80 United Nuclear Corporation
Montville, CT

Bomb threat. Hoax. At 2:35 a.m., a male telephoned the licensee and said, "A bomb is in the East Plant and will go off at 0800 hours." Two searches were conducted with negative results.

IB-80-72 12/13/80 D. C. Cook
Indiana and Michigan Power Company
Berrien County, IL

Bomb threat. Hoax. At 12:05 p.m., a female telephoned the licensee and said, "I planted a bomb in your reactor." A search was conducted with negative results. Fuel present at site.

IB-80-73 12/15/80 Quad Cities
Commonwealth Edison Company
Whiteside County, IL

Bomb threat. Hoax. At 8:36 p.m., a male telephoned the control room personnel and said, "There'll be a TNT blast in your place within an hour." A search was conducted with negative results. Fuel present at site.

IB-81-01 01/15/81 Dresden
Commonwealth Edison Company
Grundy County, IL

Bomb threat. Hoax. At 8:50 p.m., a male telephoned a local radio station and stated, "The Dresden Nuclear Power Plant is going to be blown up in 45 minutes." The licensee was notified. A search was conducted with negative results. Fuel present at site.

IB-81-02 01/19/81 Trojan
Portland General Electric Company
Columbia County, OR

Bomb threat. Hoax. At 6:05 a.m., a female telephoned radio station KEDO in Kelso, Washington and stated, "There is a bomb at Trojan, set to go off at 10 a.m." A search was conducted with negative results. Fuel present at site.

IB-81-03 01/20/81 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 4:15 p.m., a male telephoned Channel 5 Television News Station in New York City and stated "I am tired of all this [expletive deleted] and I am going to blow up Indian Point." The licensee was notified. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-81-04 01/24/81 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 7:14 p.m., a male telephoned a security guard at Unit 3 Central Security Control and stated, "The bomb will go off at 2 [Unit 2] in one hour." A search was conducted with negative results. Fuel present at site.

IB-81-05 01/29/81 San Onofre
Southern California Edison Company
San Diego County, CA

Bomb threat. Hoax. At 3:46 a.m., a male telephoned San Onofre's answering service and stated, "I am a member of the No Nukes, and I have planted a bomb at the power plant, and it will go off at eleven." A search was conducted with negative results. Fuel present at site.

IB-81-06 02/04/81 Zion
Commonwealth Edison Company
Lake County, IL

Bomb threat. Hoax. At 1:40 p.m., a male telephoned the Zion Post Office and stated, "There is a bomb set at the plant and [sic] to evacuate the city at 6 p.m." The message was relayed to the licensee. A search was conducted with negative results. Fuel present at site.

IB-81-07 02/14/81 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 1:05 a.m., a female telephoned the main gate personnel and stated, "There is a bomb under your bed." Music and laughter could be heard. A search was conducted with negative results. Fuel present at site.

IB-81-08 02/25/81 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 8:39 p.m., an individual telephoned the Consolidated Edison business office and stated, "There is a bomb planted at one of your installations." The licensee was notified. A search was conducted with negative results. Fuel present at site.

IB-81-09 03/02/81 River Bend
Gulf States Utilities Company
West Feliciana Parrish, LA

Bomb threat. Hoax. At 6:20 a.m., an individual telephoned site personnel and stated, "You are not going to move the vessel today. There is a bomb down there." A search was conducted with negative results. Fuel not present at site. (See next entry.)

IB-81-10 03/03/81 River Bend
Gulf States Utilities Company
West Feliciana Parrish, LA

Bomb threat. Hoax. At 7:01 a.m., a caller stated, "There is a bomb placed at the mat. It is set to go off at ten. Get the men out of there or they will be hurt." A search was conducted with negative results. A male with fast local speech made a call on the St. Francisville line and stated, "It is going to blow up." A search was conducted with negative results. Fuel not present at site.

IB-81-11 03/03/81 San Onofre
Southern California Edison Company
San Diego County, CA

Bomb threat. Hoax. At 4:15 p.m., a male called the construction contractor's switchboard and stated that twelve bombs were placed in the construction areas of Units 2 and 3 and also on the edge of the construction area. The bombs were to go off in four hours. A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-81-12 03/05/81 San Onofre
Southern California Edison Company
San Diego County, CA

Bomb threat. Hoax. At 11:25 a.m., a male telephoned the Los Angeles Federal Information Center and said that San Onofre would blow up the next day, March 6, 1981, at three. The licensee was notified. A search was conducted with negative results. Fuel present at site.

IB-81-13 03/09/81 Sequoyah
Tennessee Valley Authority
Daisy County, TN

Bomb threat. Hoax. At 10:15 a.m., a TVA security officer discovered a handwritten note adjacent to the personnel airlock to the Unit 1 reactor containment area. It stated that explosives were placed near the Unit 1 reactor building and also mentioned hostage-taking. A search was conducted with negative results. Fuel present at site.

IB-81-14 03/12/81 Brunswick
Carolina Power & Light Company
Brunswick County, NC

Bomb threat. Hoax. At 3:11 p.m., an individual with a local accent telephoned the plant switchboard operator and said, "There is a bomb set in reactor 2, due to go off at 6 p.m." A search was conducted with negative results. Fuel present at site.

IB-81-15 03/15/81 United Nuclear Corporation (UNC)
Montville, Ct

Bomb threat. Hoax. At 7:45 p.m., a male telephoned UNC Naval Products personnel and said, "There is going to be a bomb going off at 12 p.m. tonight -- that's all I can say, beware." A search was conducted with negative results.

IB-81-16 03/23/81 Midland
Consumer Power Company
Midland County, MI

Bomb threat. Hoax. At 5:40 a.m., a male telephoned the Midland County Sheriff's Department and said, "Three bombs are planted in the nuclear power plant. I'd get everyone out if I was [sic] you." The licensee was notified. A search was conducted with negative results. Fuel not present at site.

IB-81-17 03/30/81 St. Lucie
Florida Power & Light Company
St. Lucie County, FL

Bomb threat. Hoax. At 12:55 p.m., a male telephoned the Unit 2 construction site switchboard operator and said, "A bomb is going to explode this afternoon." A search was conducted with negative results. Fuel present at site.

IB-81-18 04/01/81 Washington Nuclear Power Project
Washington Public Power Supply System
Benton County, WA

Bomb threat. Hoax. At 6:45 a.m., a male telephoned and said that two bombs were placed on-site and would go off sometime that day. A search was conducted with negative results. Fuel not present at site.

IB-81-19 04/05/81 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 1:02 a.m., an individual telephoned the New York State Police and said, "A bomb will go off at 1:30 a.m. at Indian Point, Unit 2. The police notified the licensee. A search was conducted with negative results. Fuel present at site.

B-81-20 04/10/81 Bellefonte
Tennessee Valley Authority
Jackson County, AL

Bomb threat. Hoax. At 9:20 a.m., a male, probably from on-site, telephoned a Public Safety Officer at the site and said, "Thought you should know, there is a bomb in the auxiliary building." Background noises heard during the call reflected the type of work being performed in the auxiliary building. A search was conducted with negative results. Fuel present at site.

IB-81-21 04/17/81 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. At 8:02 p.m., an individual telephoned a site protection officer at the south gate and said, "There is a bomb down there and it is going off at midnight." A search was conducted with negative results. Fuel present at site.

IB-81-22 05/06/81 Indian Point
Consolidated Edison Company
Westchester County, NY

An individual telephoned the Customer Service Center at Consolidated Edison Corporate Headquarters in New York City and said, "A bomb in a brown paper bag will go off on Consolidated Edison property." A search was conducted with negative results. Fuel present at site.

IB-81-23 05/07/81 Watts Bar
Tennessee Valley Authority
Spring City County, TN

Bomb threat. Hoax. At 7:18 a.m., an instrument mechanic discovered a handwritten note in the control building relay room. The note stated that a bomb would go off at six. A search was conducted with negative results. Fuel present at site.

IB-81-24 05/22/81 Connecticut Yankee
Connecticut Yankee Atomic Power Company
Middlesex County, CT

Bomb threat. Hoax. At 9:30 a.m., Connecticut Light and Power Company personnel terminated the employment of an individual who allegedly said he had a boat and was going to blow up the plant. Fuel present at site.

IB-81-25 06/20/81 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 2:15 a.m., a person identifying himself as Lawrence Smith telephoned the U.S. Military Academy Security Force and said that a person, identified as John Dice, had stated, "I am going to blow up Indian Point." The licensee's security force was notified at 2:30 a.m. A search was conducted with negative results. Fuel present at site.

IB-81-26 06/30/81 San Onofre
Southern California Edison Company
San Diego County, CA

Bomb threat. Hoax. At 1:55 p.m., a male who identified himself as Dave telephoned the construction contractor's switchboard operator and said that plastic explosives had been placed inside the reactor at Unit 1, and that if Unit 1 was not shut down by July 1, 1981, he would blow it up. A search was conducted with negative results. Fuel present at site.

IB-81-27 07/15/81 Oconee
Duke Power Company
Oconee County, SC

Bomb threat. Hoax. An individual called the station from off-site and asked to speak to someone in security and then stated, "I just wanted you to know I'm gonna blow that (expletive deleted) plant up." A search was conducted with negative results. Fuel present at site.

IB-81-29 07/17/81 Bellefonte
Tennessee Valley Authority
Jackson County, AL

Bomb threat. Hoax. At 8:31 p.m., an individual called the plant telephone operator and stated, "There's going to be a bomb go off in that (expletive deleted) tonight at 10:30." A search was conducted with negative results. Fuel present at site.

IB-81-29 07/24/81 Clinton
 Illinois Power Company
 DeWitt County, IL

Bomb threat. Hoax. At 5:10 p.m., an individual telephoned the central switchboard operator and stated, "There is a bomb in the power station." A search was conducted, and a simulated explosive device was discovered in the turbine building sump pump assembly area. Fuel not present at site.

IB-81-30 07/26/81 Maine Yankee
 Maine Yankee Atomic Power Company
 Lincoln County, ME

Bomb threat. Hoax. At 4:30 p.m., a security officer on patrol near the spent fuel pool found a message written on the floor in the residue of a spray cleaner which read, "Bomb will go off July 31, 1981." A small note pad, found in the same area, contained the message, "So you think your (expletive deleted) security is so good -- try to find that bomb before July 31, 1981. I love a good explosion." A search was conducted with negative results. Fuel present at site.

IB-81-31 08/05/81 San Onofre
 Southern California Edison Company
 San Diego County, CA

Bomb threat. Hoax. At 8:16 a.m., a person called the newsroom of Los Angeles television station KNXT and said, "Listen carefully, a bomb has been planted at or near San Onofre set to go off at noon Friday -- area around must be evacuated, no way to find it." A search was conducted with negative results. Fuel present at site.

IB-81-32 08/14/81 Clinton
 Illinois Power Company
 DeWitt County, IL

Bomb threat. Hoax. At 4:10 p.m., an individual called and said, "At 6 p.m., Bocrn." A search was conducted with negative results. Fuel not present at site.

IB-81-33 08/19/81 United Nuclear Corporation
 Montville, CT

Bomb threat. Hoax. At 11:38 p.m., an individual called the Naval Products Division personnel and said, "It's supposed to go off at 2 o'clock." A search was conducted with negative results.

IB-81-34 08/21/81 Clinton
 Illinois Power Company
 DeWitt County, IL

Bomb threat. Hoax. At 2:04 p.m., an individual telephoned the central switchboard operator and said, "There is a bomb out there, and it's going to blow fast. You had better get everybody out." A search was conducted with negative results. Fuel not present at site.

IB-81-35 09/09/81 San Onofre
 Southern California Edison Company
 San Diego County, CA

Bomb threat. Hoax. At 7:21 p.m., the licensee informed the San Diego County Sheriff that a person had telephoned a San Diego Pacific Telephone Company operator and said, "San Onofre will blow in three hours." An individual was subsequently arrested and charged with making the threatening call. The individual's residence was searched, but no explosives or bomb paraphernalia were found. Fuel present at site.

IB-81-36 09/25/81 Brunswick
 Carolina Power and Light Company
 Brunswick County, NC

Bomb threat. Hoax. At 2:43 p.m., an individual telephoned the plant switchboard operator and said, "There is a bomb on the fence." A search was conducted with negative results. Fuel present at site.

IB-81-37 10/01/81 United Nuclear Corporation
 Montville, CT

Bomb threat. Hoax. An individual telephoned a site security officer and said, "There is a bomb set to go off at 1 o'clock. Beware." A search was conducted with negative results.

IB-81-38 10/06/81 Bellefonte
 Tennessee Valley Authority
 Jackson County, AL

Bomb threat. Hoax. At 9:40 p.m., a person called the project telephone operator and said, "Is this TVA? There is a bomb in the building." A search was conducted with negative results. Fuel not present at site.

IB-81-39 10/29/81 Oyster Creek
 Jersey Central Power and Light Company
 Ocean County, NJ

Bomb threats. Hoaxes. At 12:09 p.m., a person telephoned the sergeant of the guard, probably from on-site, and asked for the assistant security supervisor. When told he was not available, the

caller said, "There is a building with a bomb. It will blow up soon." At 1:40 p.m., an individual telephoned, probably from off-site, and said, "Did you find it yet?" Searches were conducted with negative results. Fuel present at site.

IB-81-40 10/30/81 Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

Site personnel discovered a simulated explosive device in the auxiliary building on the construction site. Fuel present at site.

IB-81-41 11/30/81 Bellefonte
Tennessee Valley Authority
Jackson County, AL

Bomb threat. Hoax. At 1:35 p.m., a person telephoned a public safety officer from on-site and said, "A bomb is in the auxiliary building." When asked where, he replied, "I don't know, I just heard them talking." A search was conducted with negative results. Fuel not present at site.

IB-81-42 11/30/81 Robinson
Carolina Power and Light Company
Darlington County, SC

Bomb threat. Hoax. At 3:13 p.m., a person called the switchboard operator from off-site and stated, "I have just got a message that you all have got a bomb up there, and it will go off at 5 o'clock." A search was conducted with negative results. Fuel present at site.

IB-81-43 11/30/81 Fermi
Detroit Edison Company
Monroe County, MI

Bomb threat. Hoax. At 4:18 p.m., a person announced over the site public address system, "There is a bomb in the RHR building." A search was conducted with negative results. Fuel not present at site.

IB-81-44 12/01/81 Bellefonte
Tennessee Valley Authority
Jackson County, AL

Bomb threat. Hoax. At 8 a.m., an individual using the plant emergency fire telephone told construction public safety unit personnel, "The bomb will go off today." At 8:25 a.m., probably the same individual, now using the emergency ambulance telephone, told the plant medical officer, "This is no joke; the bomb will go off this time." A search was conducted with negative results. Fuel present at site.

IB-81-45 12/04/81 Crystal River
Florida Power Corporation
Citrus County, FL

At 2:30 p.m., a site security employee was advised that an individual living nearby had stated that he "was going to blow up the nuclear plant." Site security was placed in a posture of increased alert. Fuel present at site.

IB-81-46 12/06/81 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

Bomb threat. Hoax. At 5:21 p.m., a male telephoned and said that he was going to blow up the reactor. A search was conducted with negative results. Fuel present at site.

IB-81-47 12/27/81 Quad Cities 2
Commonwealth Edison Company
Rock Island County, IL

Bomb threat. Hoax. At 2:15 a.m., the Rock Island Arsenal and a local hospital received telephonic bomb threats directed at Unit 2 of the Quad Cities nuclear plant, the Davenport (Iowa) Police Department, the Davenport Water Treatment Plant, and an unspecified pipeline and fuel storage facility. A search was conducted at the Quad Cities facility with negative results. Fuel present at site.

IB-81-48 12/28/81 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threats. Hoaxes. An intoxicated individual telephoned the contract security force at Unit 3 three times: 8:14 p.m.; 8:23 p.m.; and 8:28 p.m. He first stated, "A bomb will go off at 11 o'clock." He later stated, "Bomb to go off at 11:30," and "All three plants will experience cobalt syndrome at 11:30." Searches were conducted with negative results. Fuel present at Units 1 and 2.

IB-82-01 02/19/82 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Bomb threat. Hoax. At 9 a.m., an individual telephoned a Phoenix TV station and stated that bombs were placed in the containment buildings for Units 1 and 2 and also in two buses which transported workers to and from the job site. Searches were conducted with negative results. Fuel not present at site.

IB-82-02 03/01/82 North Anna
Virginia Electric and Power Company
Louisa County, VA

Bomb threat. Hoax. At 3:58 p.m., an individual telephoned and said, "I'm going to blow you into a black hole." A search was conducted with negative results. Fuel present at site.

IB-82-03 03/16/82 Turkey Point
Florida Power and Light Company
Dade County, FL

Bomb threat. Hoax. At 7:32 p.m., a male telephoned an operator in the control room and said, "Remember Black Monday? There is a two-megaton bomb in the cooling water." A search was conducted with negative results. The same male telephoned again at 8:47 p.m. and asked, "Have you found the bomb yet?" Fuel present at site.

IB-82-04 03/19/82 Brunswick
Carolina Power and Light Company
Brunswick County, NC

Bomb threat. Hoax. At 10:20 a.m., a caller said, "A bomb will go off at the Brunswick plant this afternoon." A search was conducted with negative results. At 2:30 p.m., an individual telephoned the Southport police and said, "The bomb is set to go off at 3:30 p.m." Another search was conducted with negative results. Fuel present at site. (See Item IB-82-06.)

IB-82-05 03/22/82 Zimmer
Cincinnati Gas and Electric Company
Clermont County, OH

Bomb threat. Hoax. At 12:55 p.m., a male called the site switchboard operator and said, "A bomb will go off in your suppression pool at 2 o'clock." A search was conducted with negative results. Fuel present at site.

IB-82-06 03/23/82 Brunswick
Carolina Light and Power Company
Brunswick County, NC

Bomb threat. Hoax. At 1:08 p.m., a male telephoned an apartment manager in Southport, North Carolina, and said, "A bomb at the nuclear plant is to go off at 2 o'clock." The apartment manager notified the local police, who notified the utility. A search was conducted with negative results. A mechanic-craftsman employed by the licensee was subsequently arrested and charged with communicating a bomb threat. Fuel present at site.

IB-82-07 04/07/82 Robinson
Carolina Power and Light Company
Darlington County, SC

Bomb threat. Hoax. At 8:35 p.m., a male telephoned the licensee and said, "You have one hour before your plant blows up." A search was conducted with negative results. Fuel present at site.

IB-82-08 04/12/82 Calvert Cliffs
Baltimore Gas and Electric Company
Calvert County, MD

The licensee discovered a message scratched on the door of a rest-room stall which read, "Last laugh at 1300 hours, 4/20/82. Explosion on 12 foot GL." A search was conducted with negative results. Fuel present at site.

IB-82-09- 04/15/82 - 06/04/82 Marble Hill
IB-82-26 Public Service of Indiana
Jefferson County, IN

Bomb threats. Hoaxes. Between the above-referenced dates, the Marble Hill construction site received 18 telephonic bomb threats. Searches were conducted with negative results. Fuel not present at site.

IB-82-27 04/21/82 Turkey Point
Florida Power and Light Company
Dade County, FL

Bomb threat. Hoax. At 11:05 p.m., a man telephoned the Crisis Intervention Center in Miami and said one bomb had been planted at one of several locations at either the fossil or nuclear units at Turkey Point. He claimed he planted the bomb because he lost his job there, was "sorry" for his actions, and would surrender if the bomb were found. A search was conducted with negative results. Fuel present at site.

IB-82-28 04/23/82 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Bomb threat. Hoax. At 6:45 a.m., an individual telephoned a local television station and said that he had planted a bomb at Rancho Seco. "I don't want to hurt anyone. I want you to get those people out of there and I want to hear on the air that I have planted a bomb and that the Governor wants to talk to me. I'll be watching all day and when I hear it, I will call you back." Television station personnel notified the corporate security director, who then notified the FBI, local law enforcement, and site security personnel. A search was conducted with negative results. Fuel not present at site.

IB-82-29 05/26/82 Bellefonte
Tennessee Valley Authority
Jackson County, AL

Bomb threat. Hoax. At 2:12 p.m., a caller stated, "There is a bomb in the plant to go off in thirty minutes." A search was conducted with negative results. Fuel not present at site.

IB-82-30 06/20/82 Sumner
South Carolina Electric and Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 4:02 a.m., a male telephoned the plant switchboard operator and said, "There is a bomb on the 412 1B. It is set to go off at 0700. They've done it to me one too many times. It cannot be disarmed. I will call back at 0600." At 6:01 a.m., an individual telephoned a second time and said, "Exploding 412 1B." Searches were conducted with negative results. Fuel not present at site.

IB-82-31 06/24/82 Vermont Yankee
Vermont Yankee Nuclear Power Corporation
Windham County, VT

Bomb threat. Hoax. At 8:38 p.m., an individual telephoned a guard and said that if all nuclear power plants were not shut down, they would all be blown to kingdom-come. A security alert was declared. A search was conducted with negative results. A telephone number the caller gave was traced to a state mental hospital. Fuel present at site.

IB-82-32 07/26/82 Calvert Cliffs
Baltimore Gas & Electric Company
Calvert County, MD

Bomb threat. Hoax. At 11:05 a.m., an individual on-site telephoned a guard in a post outside the protected area and said, "Bomb to go off any minute... get out of there." A search was conducted with negative results. Fuel present at site.

IB-82-33 07/28/82 Calvert Cliffs
Baltimore Gas & Electric Company
Calvert County, MD

Bomb threat. Hoax. Site personnel found a message scratched on the door of a restroom stall which read, "There's a bomb in here." A search was conducted with negative results. Fuel present at site.

IB-82-34 08/03/82 Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

At 9:16 p.m., an individual telephoned the NRC Headquarters Duty Officer collect and said, "Seabrook is going to blow up." A search was conducted with negative results. Fuel not present at site.

IB-82-35 08/05/82 Grand Gulf
Mississippi Power & Light Company
Claiborne County, MS

Bomb threat. Hoax. At 1:30 p.m., site personnel received a telephonic bomb threat from a caller who indicated it was a result of the rate increase. A search was conducted with negative results. Fuel present at site.

IB-82-36 09/15/82 Quad Cities
Commonwealth Edison Company
Rock Island County, IL

Bomb threat. Hoax. At 11:30 a.m., Iowa - Illinois Electric Company, a co-owner of Quad Cities, received a telephonic threat that a bomb would go off at noon at one of its power plants. There was a partial evacuation. A search was conducted with negative results. Fuel present at site.

IB-82-37 10/01/82 Oyster Creek
& Jersey Central Power & Light Company
IB-82-38 Ocean County, NJ

Bomb threats. Hoaxes. At 1:08 a.m., an angry, vulgar, and inebriated male telephoned in a bomb threat. At 1:58 a.m., a non-intoxicated individual telephoned from on-site and made another bomb threat. A search was conducted with negative results. Fuel present at site.

IB-82-39 10/25/82 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. A male called site personnel and stated there was a bomb in Unit 3. The site was evacuated. A search was conducted with negative results. Fuel present at Units 1 and 2.

IB-82-40 11/02/82 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 2:05 p.m., a caller telephoned the Boston Globe and said, "Seven bombs are located throughout Boston, and one bomb is at the Pilgrim Nuclear Power Station. This action has been taken by the Jonathan-Jackson-Sam Melville Group and the FLAN." A patient in a mental hospital was identified as a possible suspect. A search was conducted with negative results. Fuel present at site.

IB-82-41 11/03/82 Summer
South Carolina Electric & Gas Company
Fairfield County, SC

Bomb threat. Hoax. An individual telephoned site personnel and said that there was a bomb in the auxiliary building. A search was conducted with negative results. Fuel present at site.

IB-82-42 11/19/82 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. At 12:17 p.m., a male telephoned the New London, Connecticut Police and said, "I just planted a bomb in Unit 3." The site was evacuated. A search was conducted with negative results. Fuel present at Units 1 and 2.

IB-82-43 11/22/82 University of California at Los Angeles (UCLA)
Los Angeles, CA

Bomb threat. Hoax. At 10 a.m., a male called the UCLA campus police, complained about nuclear power, and stated that a bomb would go off in the nuclear reactor at 10:45 a.m. The area containing the reactor was evacuated. A search was conducted with negative results.

IB-82-44 - 12/6 - 8/82 Catawba
IB-82-51 Duke Power Company
Northeastern York County, SC

Bomb threat. Hoax. Eight bomb threats were received at the Catawba site within three days. The auxiliary building was evacuated. A search was conducted with negative results. On the evening of December 8, 1982, a male demanded one million dollars and the release of FLAN members. He also threatened to execute six site employees. One of these six employees (contractor) confessed to the extortion threats and six of the bomb threats. South Carolina authorities arrested him and charged him with blackmail, extortion and threatening to kill, injure or intimidate. He was prosecuted in the South Carolina state judicial system and sentenced to four years in prison. Fuel present at site.

IB-82-52 12/08/82 Hatch
Georgia Power Company
Appling County, GA

Bomb threat. Hoax. At 10:15 p.m., a male telephoned site personnel on an internal telephone line and said, "There's a bomb in the switchyard." A search was conducted with negative results. The perpetrator, a guard, was identified, fired, and placed under arrest by local law enforcement officials. Two other guards were found to have knowledge of the hoax and were suspended. Fuel present at site.

IB-82-53 12/17/82 Trojan
Portland General Electric Company
Columbia County, Oregon

Bomb threat. Hoax. At 1:10 a.m., a male telephoned a security force member and threatened to blow up the plant. A search was conducted with negative results. Fuel present at site.

IB-82-54 12/29/82 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 9:34 p.m., a male telephoned the General Construction Security Office and stated that a bomb would go off at midnight in Containment I. Containment I was evacuated. A search was conducted with negative results. Fuel present at site.

IB-83-01 01/11/83 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 4:35 p.m., a male telephoned the Sierra Vista Hospital at San Luis Obispo and said, "There's a bomb to go off at 6:30 p.m. at Diablo Canyon. Get your beds ready." A search was conducted with negative results. Fuel present at site.

IB-83-02 01/19/83 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 8:20 p.m., a young male telephoned the Suffolk County Police Department and said, "I represent the Organization Against Nuclear Power. There is a bomb inside the reactor at Shoreham, set to go off at 10 p.m." A search was conducted with negative results. Fuel present at site.

IB-83-03 01/21/83 Fermi
Detroit Edison Company
Monroe County, MI

Suspicious device. Hoax. At 2:33 p.m., an electrical contract employee reported to security that he had found a suspicious item taped to a pipe in the relay room (under the control room) in the reactor building. The Michigan State Police Bomb Team (contacted by the licensee) removed the device, which looked like a bomb. Tests revealed that the device was a hoax. Fuel not present at site.

IB-83-04 02/04/83 Watts Bar
Tennessee Valley Authority
Spring City County, TN

Suspicious device. Hoax. At 9 p.m., an individual telephoned the site and said that a bomb was somewhere on-site. A Chattanooga

television station's news department received a similar call. TVA public safety personnel identified a suspicious device near a temporary building in a construction receiving area, 400 yards from the reactor and new fuel storage area. Off-site assistance (Federal Bureau of Investigation and a U.S. Army Explosive Ordinance Disposal Team) was requested. Tests revealed that the device was a hoax. Fuel present at site.

IB-83-05 02/10/83 University of Wisconsin
Madison, WI

Bomb threat. Hoax. At 2:30 p.m., a University employee discovered a small plywood box with the message "Bomb, Do Not Disturb" on it in a laboratory near the University research reactor. The box was X-rayed and found empty except for a piece of paper with the word "Boom" on it. Fuel present at site.

IB-83-06 04/04/83 Calvert Cliffs
Baltimore Gas and Electric Company
Calvert County, MD

Bomb threat. Hoax. At 7:23 a.m., a male on-site telephoned a security watchperson at a support post outside the protected area and stated, "I've just planted a bomb in the parking lot." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-83-07 04/07/83 Calvert Cliffs
Baltimore Gas and Electric Company
Calvert County, MD

Bomb threat. Hoax. At 12:31 p.m., a male on-site telephoned a security watchperson at a guard post outside the protected area and stated, "I've just planted a bomb in the parking lot." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-83-08 04/18/83 Calvert Cliffs
Baltimore Gas and Electric Company
Calvert County, MD

Bomb threat. Hoax. At 7:26 p.m., a male on-site telephoned a security watchperson at a security post outside the protected area and stated, "There's a bomb in security." A search was conducted with negative results. Fuel present at site.

IB-83-09 04/22/83 Oyster Creek
GPU Nuclear Corporation
Ocean County, NJ

Suspicious device. Hoax. At 8:30 a.m., a sketch of a bomb threat was found on a chalkboard in the site director of operations' office. The drawing outlined the turbine building and the reactor

building, with a connecting passageway. An arrow pointed at the reactor building; "Bomb" was inscribed. The office had been empty, except for cleaning personnel, since early April 21. The licensee evacuated and searched the reactor building. Personnel found a suspicious piece of metal pipe on the floor in the spent fuel area. U.S. Army Explosive Ordinance Disposal (EOD) Team support was requested. Tests by the EOD Team indicated the device was a hoax. Apparently, a workman who was testing a cutting tool had discarded the pipe. Fuel present at site.

IB-83-10 04/27/83 Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. At 5:45 p.m., a male on-site telephoned Bechtel Safety Department personnel and said, "If you think I'm _____, there's a bomb in the reactor and it will go off." A search was conducted with negative results. Fuel not present at site.

IB-83-11 04/27/83 Oyster Creek
Jersey Central Power and Light Company
Ocean County, NJ

Bomb threat. Hoax. At 9:10 a.m., a male telephoned the site switchboard operator and stated, "There is a bomb in containment." A search was conducted with negative results. Fuel present at site.

IB-83-12 05/04/83 Salem
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. At 12:01 p.m., a very nervous male on-site, using poor speech and trying to sound babyish, telephoned a security officer in the main guard house badge issue area (BIA). Factory machinery was audible in the background. The caller asked to speak to the security officer working the BIA, but was told he was busy. The caller then stated, "This is a bomb threat, I want to talk to the other guard." The other guard took the call and the caller stated, "This is a bomb threat." When asked where the bomb was, the caller nervously stammered, "The bomb is in the bomb park." A search was conducted with negative results. Fuel present at site.

IB-83-13 05/04/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. An individual telephoned on-site contractor personnel and said, "There is a bomb that will go off on the 85-foot elevation." A search was conducted with negative results. Fuel present at site. (See next entry.)

IB-83-14 05/05/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Apparent hoax. An individual telephoned the Avila Beach gate guard station and stated, "There is a bomb." A search was conducted with negative results. Fuel present at site.

IB-83-15 06/14/83 Duane Arnold
Iowa Electric Light and Power Company
Linn County, IA

Bomb threat. Hoax. At 3:59 p.m., a male telephoned corporate office personnel in Cedar Rapids, Iowa, complained of rate increases, economic policies, and then stated that he and his friends were going to "blow up the Duane Arnold Plant and the IE Tower (licensee offices)." A search was conducted with negative results. Fuel present at site.

IB-83-16 06/23/83 Susquehanna
Pennsylvania Power and Light Company
Luzerne County, PA

Bomb threat. Hoax. At 9:06 p.m., a male on-site telephoned the Unit 2 construction site switchboard operator and stated, "You (expletive deleted), I have five pounds of dynamite on the steam line. I'm going to blow this (expletive deleted) place sky high." Again, at 11:05 p.m. a male telephoned a local TV station in Wilkes Barre, Pennsylvania, and stated, "There's a bomb in Unit 2." A search was conducted with negative results. Fuel present at site.

IB-83-17 07/01/83 Zion
Commonwealth Edison Company
Lake County, IL

Bomb threat. Hoax. At 12:34 p.m., a female called the plant operator and said, "A bomb will go off in minutes." The security force was put on alert status. A search was conducted with negative results. Fuel present at site.

IB-83-18 08/03/83 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

Bomb threat. Hoax. At 12:56 a.m., an individual telephoned a guard and said, "Hello, hello. Who is this? Hello. There's a bomb been planted." A search was conducted with negative results. Fuel present at site.

IB-83-19 08/08/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 12:50 a.m., the county sheriff's office notified plant security personnel that two local hospitals received telephone calls from an individual who said, "You had better have a lot of doctors on hand because there is a bomb at Diablo Canyon." Fuel present at site.

IB-83-20 08/08/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Hoax device. At 2:10 a.m., a firewatchman reported seeing a suspicious device at the penetration area, at the 115 foot level of Unit 2. The area was evacuated and sealed off. The device was determined to be a hoax. A search of the entire plant area was conducted, and nothing else was found. Fuel present at site.

IB-83-21 08/11/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Hoax device. At 7 a.m., a contractor ironworker foreman found a mock explosive device at the 104 foot elevation of the Unit 1 turbine room. All materials in the device were available on-site. Fuel present at site.

IB-83-22 08/12/83 Diablo Canyon
Pacific Gas and Electric Company (PG&E)
San Luis Obispo County, CA

Bomb threat. Hoax. At 10:49 a.m., a female called the customer service district office of PG&E and stated, "Let Diablo know that containment 1 will blow at noon." A search was conducted with negative results. Fuel present at site.

IB-83-23 08/20/83 Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

At 4:45 a.m., an individual telephoned licensee personnel and said, "A bomb is in the Terry Turbine Room. It will go off in one-half hour." A search was conducted with negative results. Fuel present at site.

IB-83-24 08/20/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 1:07 p.m., a female with an oriental accent telephoned the Avila Beach guardhouse personnel and said, "I'll only say this one time. There is a bomb in containment 1 at the 117 foot level, and it will go off in 45 minutes to an hour." The licensee evacuated the building. A search was conducted with negative results. Fuel present at site.

IB-83-25 08/25/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 8:55 p.m., a female called a contractor payroll office and said that a bomb would go off in the turbine building at ten. At 11:40 p.m., she called again and explained that her ex-boyfriend, employed at the site, had planted bombs in the auxiliary building. A cursory search was conducted with negative results. Fuel present at site. (See next item.)

IB-83-26 08/27/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threat. Hoax. At 8:55 p.m., a male called site contractor payroll office personnel and said that a bomb would go off at 9:30 in Unit 1. The licensee believed the threat was related to a series of recent unfounded bomb threats. Fuel present at site.

IB-83-27 09/01/83 Vogtle
Georgia Power Company
Burke County, GA

Bomb threat. Hoax. At 6:02 a.m., a caller stated, "Five pounds of plastic explosives will go off this morning in power block." A search was conducted with negative results. The licensee believed that the threat may have been labor-related because the licensee laid off 600 construction contractors the previous week. Fuel not present at site.

IB-83-28 09/01/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Hoax device. A security officer found a mock explosive device at the 91-foot elevation of Unit 1 containment, adjacent to the temporary security post. All material used in the device was available on-site. The immediate area was evacuated for 30 minutes. The security supervisor determined that the device was a hoax. Fuel present at site.

IB-83-29 09/02/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Bomb threats. Hoaxes. A series of bomb threats were received. At 11:45 a.m., a male telephoned the site switchboard and said, "I planted a bomb to go off at 1 o'clock. Evacuate the plant." At 1:09, 1:28, and 1:55 p.m., a female telephoned the Avila Gate security post and said, "There's a bomb." At 6:55 p.m., a male said, "There will be a bomb threat in the containment building at 9:30." At 10:50 p.m., a male called the construction office and stated (in slurred and distorted speech), "I'm going to blow this (expletive deleted) place apart. The bomb is set to go off at 11:30 in Containment 1." Searches were conducted in all cases with negative results. Fuel present at site.

IB-83-30 10/08-09/83 Vogtle
Georgia Power Company
Burke County, GA

Bomb threats. Hoaxes. The plant switchboard operator received bomb threats. Searches of the power block were conducted with negative results. Fuel not present at site.

IB-83-31 10/12/83 Bellefonte
Tennessee Valley Authority
Jackson County, AL

Bomb threat. Hoax. At 3 p.m., an individual telephoned a GTE telephone operator in Birmingham, Alabama, and said, "There are three bombs set to go off in this building." The telephone company, with FBI assistance, determined that the call came from an on-site pay telephone and was intended for the plant operator. A search was conducted with negative results. Fuel not present at site.

IB-83-32 10/18/83 Peach Bottom
Philadelphia Electric Company
York County, PA

Bomb threat. Hoax. At 10:30 p.m., a caller stated that a bomb, placed in a warehouse outside the protected area, would explode at midnight. The licensee evacuated the warehouse. A search was conducted with negative results. Fuel present at site.

IB-83-33 10/20/83 Zion
Commonwealth Edison Company
Lake County, IL

Bomb threat. Hoax. At 5:04 p.m., a male telephoned a security officer and said, "We are going to blow this place up." When the security officer asked who was calling, the male replied, "Never mind. We are going to blow this place up." A search of vital areas was conducted with negative results. Fuel present at site.

IB-83-34 10/21/83 Fermi
Detroit Edison Company
Monroe County, MI

Hoax device. At 6:45 a.m., a licensee employee discovered a package which looked like a bomb near equipment on the third level of the turbine building. A portion of the building was evacuated and cordoned off. The Michigan State Bomb Squad, the Information Assessment Team, and the FBI were notified. The bomb squad determined that the package was not an explosive device. Fuel present at site.

IB-83-35 10/25/83 Westinghouse Nuclear Training Center
Westinghouse Corporation
Zion, IL

Bomb threat. Hoax. At 6 p.m., a maintenance man saw a pickup truck parked outside the facility fence. Two young men jumped out of the truck and said, "Hey, between now and three tomorrow, a bomb will go off." They returned to their truck and quickly left. The licensee shut down the training reactor and notified local law enforcers. A search was conducted with negative results. Fuel present at site.

IB-83-36 11/10/83 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

Bomb threat. Hoax. The Commonwealth Information Center notified the licensee that at 4 p.m., a caller stated, "TMI was a menace to the Harrisburg International Airport and the people around it" and that he was going to "blow it up." The licensee increased surveillance. A guard later recalled that he heard a contractor working on a fence on October 9 or 10, 1983, use words similar to those expressed in the threat. The names of three fence contractor employees were given to the FBI. Fuel present at site.

IB-83-37 11/29/83 Fermi
Detroit Edison Company
Monroe County, MI

Hoax. At 7:16 a.m., a licensee inspector discovered a hoax bomb device attached to a pipe in the south residual heat removal room on the second floor of the reactor building. The Michigan State Police Bomb Team determined the device was not a bomb. Fuel present at site.

IB-83-38 12/02/83 D. C. Cook
Indiana & Michigan Power Company
Berrien County, MI

Bomb threat. Hoax. At 7:37 p.m., a caller telephoned the licensee and said that a bomb had been placed in the plant and was set to explode at 7:42 p.m. The licensee notified local law enforcement officials. A search was conducted with negative results. Fuel present at site.

IB-83-39 12/06/83 Oyster Creek
Jersey Central Power & Light Company
Ocean County, NJ

Bomb threat. Hoax. At 1:10 p.m., a caller telephoned the site and said, "Hello, hello, a bomb was set at 10:47 a.m. and will go off at 2:30 p.m." A search of plant vital and protected areas was conducted with negative results. Fuel present at site.

IB-84-01 01/03/84 Hatch
Georgia Power Company
Appling County, GA

Bomb threat. Hoax. Three telephoned bomb threats were received. At 8:00 a.m., the caller said, "Bomb in the reactor." At 9 a.m., the caller said, "Bomb set to go off in the reactor." At 1 p.m., a third call, originating from on-site, was received. The caller said, "Get everyone out of the protected area." The licensee notified the Appling County Sheriff, the State of Georgia, and the FBI. On January 12, after an investigation, the licensee fired two contract employees for suspicion of making bomb threats. The Appling County Sheriff arrested one of them on a felony charge of issuing a nuisance alarm. Fuel present at site.

IB-84-02 01/24/84 Hadam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

At 8:05 p.m., a male telephoned the site switchboard operator and stated, "There is a bomb in the Terry Turbine." A bomb search of protected and vital areas was conducted with negative results. The FBI and state police were notified. Fuel present at site.

IB-84-03 01/25/84 Midland
Consumers Power Company
Midland County, MI

A laid-off contractor employee asked a friend to make a bomb threat to the site. The friend notified the police, who did not prosecute the former employee because he did not represent a threat to the site. Fuel not present at site.

IB-84-04 01/26/84 St. Lucie
Florida Power and Light Company
St. Lucie County, FL

At 9:40 a.m., a special emergency drill at the site was temporarily suspended when the security force discovered a plastic bottle labeled "Danger, Nitroglycerine" at a Radiation Control Point exterior to vital areas. An explosive-detecting dog responded positively to the bottle. However, the dog handler judged it to be nonexplosive. The contents were later identified as a burn ointment with a creosote base which caused the dog to react. The licensee suspended two contract watchpersons, who voluntarily provided the licensee with statements of their guilt. The FBI was notified. Fuel present at site.

IB-84-05 02/09/84 Clinton
Illinois Power Company
DeWitt County, IL

Bomb threat. Hoax. At 5:08 p.m., a male with a foreign accent telephoned the switchboard operator and said that a bomb would go off in 48 minutes in the containment building, at elevation 737 feet. The threat was repeated and was obviously a recording. Personnel were evacuated. The area was searched with negative results. Fuel not present at site.

IB-84-06 02/10/84 Robinson
Carolina Power and Light Company
Darlington County, SC

Bomb threat. Hoax. At 9:40 p.m., a male with a local accent telephoned the licensee and said, "Three bombs will go off in the cranes at 9:30, 10:00, and 11:00 a.m. The plant will not go back on line." A local radio station had also received the same threat text, directed at the site. Searches were conducted with negative results. Fuel present at site.

IB-84-07 02/15/84 Clinton
Illinois Power Company
DeWitt County, IL

Bomb threat. Hoax. A man with a slow voice telephoned a secretary and asked to speak to the supervisor of Illinois Power Engineering Nuclear Support. At 2:30 p.m., during a second call, he stated, "Tell [the supervisor] and that guy next to him, [another employee], that a bomb will go off in exactly 15 minutes and blow that building and the one next to it to kingdom come." A search was conducted with negative results. Fuel not present at site.

IB-84-08 02/17/84 Watts Bar
 Tennessee Valley Authority
 Rhea County, TN

Bomb threat. Hoax. At 4:40 p.m., a male identifying himself by name and as "a laborer" telephoned the duty shift engineer and said that an ironworker was enroute to the south valve room with a pound of gunpowder. The ironworker reportedly intended to set the gunpowder off in the valve room. Security and operations personnel searched and found no evidence of gunpowder in the room. Licensee personnel interviewed a laborer with the same name who was working on-site. He denied making the call. The shift engineer stated the laborer's voice was not the same as the voice in the call. Fuel present at site.

IB-84-09 03/05/84 Vogtle
 Georgia Power Company
 Burke County, GA

Bomb threat. Hoax. At 4:46 p.m., a female telephoned site security personnel and said, "You have a bomb in the reactor, set to go off at midnight." When questioned, she said, "I have to call my husband." A detailed search of both containments was conducted, along with a general search of the plant, with negative results. Fuel not present at site.

IB-84-10 03/12/84 Nine Mile Point
 Niagara Mohawk Power Company
 Oswego County, NY

Bomb threat. Hoax. At 2:20 p.m., a caller telephoned the Niagara Mohawk Power Corporation switchboard and said, "I'm going to blow your (expletive) place up." The telephone number called was a publicly listed general assistance number advertised by the utility for the Oswego, New York, service area and was not associated with the site. Searches of the protected area and public areas adjacent to the site were conducted with negative results. The FBI was notified. Fuel present at site.

IB-84-11 03/13/84 Hatch
 Georgia Power Company
 Appling County, GA

Bomb threat. Hoax. At 5:20 and 5:26 a.m., an individual called the licensee and said, "Units 1 and 2 power reactor will blow at 6:05 a.m." The licensee believed that the same individual made both calls. The reactor building was evacuated. A search was conducted with negative results. Fuel present at site.

IB-84-12 03/15/84 Vogtle
Georgia Power Company
Burke County, GA

Bomb threat. Hoax. At 3 p.m., an off-site individual telephoned the construction site personnel and said, "Happy Easter. Find the bomb in containment." Construction at Units 1 and 2 was approximately 55 percent complete. The FBI was notified. Fuel not present at site.

IB-84-13 03/22/84 Watts Bar
Tennessee Valley Authority
Rhea County, TN

Bomb threat. Hoax. An individual off-site telephoned the licensee and said that a bomb was on elevation 757 of the auxiliary building. Two searches were conducted with negative results. Fuel present at site.

IB-84-14 03/26/84 GPU Corporation
Parsippany, NJ

Bomb threat. Hoax. At 4:45 p.m., a male telephoned the Jersey Central Power and Light Customer Service Center switchboard operator and said, "The FFA (not further identified) is going to start demolishing your plants." No threat was made to a specific nuclear plant. Searches were conducted at Oyster Creek with negative results. Security awareness was increased at both Oyster Creek and Three Mile Island. Neither unit was operating. Fuel present at site.

IB-84-15 03/29/84 Vogtle
Georgia Power Company
Burke County, GA

Bomb threat. Hoax. At 3:20 p.m., a man off-site telephoned and stated, "You have a bomb in the auxiliary building." Personnel were evacuated from the auxiliary building. A search was conducted with negative results. Fuel not present at site.

IB-84-16 04/08/84 Oyster Creek
Jersey Central Power and Light Company
Ocean County, NJ

Bomb threat. Hoax. A seemingly middle-aged caucasian telephoned the New Jersey State Police Headquarters in W. Trenton, New Jersey, and said, "There is a package for you at Oyster Creek." When asked "What kind of package?" the caller then stated, "You will find out when you get there." The police gave the message to the Oyster Creek control room. The licensee treated the incident as a bomb threat and implemented its emergency and safeguards contingency plans. A search was conducted with negative results. Status: Cold shutdown. Fuel present at site.

IB-84-17 04/11/84 Callaway
Union Electric Company
Callaway County, MO

Bomb threat. Hoax. At 12:40 p.m., an individual announced over the inter-plant communications system, "There's a bomb in the containment building." The message was repeated three times. The licensee evacuated the reactor building (where new fuel was stored). A search was conducted with negative results. The plant was about 98% complete, with about 4,000 construction workers on site. The Callaway County Police Department was notified. Fuel present at site.

IB-84-18 04/26/84 Diablo Canyon
Pacific Gas and Electric Company (PG&E)
San Luis Obispo County, CA

Bomb threat. Hoax. At 5:14 p.m., a male telephoned the PG&E Morrow Bay switching center (six miles from Diablo Canyon) and stated, "Don't start Diablo Canyon. There's bombs planted by workers." A search of Unit 1 vital areas was conducted with negative results. The licensee notified the Luis Obispo County Sheriff's office. Fuel present at site.

IB-84-19 04/30/84 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 11:30 a.m., an individual telephoned the Consolidated Edison Corporate Office, alleging that the Mafia would blow up Consolidated Edison installations, causing a 1977-like blackout. The licensee conducted a search with negative results. The FBI was notified. Fuel present at site.

IB-84-20 05/16/84 WPPS
Washington Public Power Supply System
Benton County, WA

At 8:35 a.m., a security officer at Unit 2 noticed a suspicious "black blob," about the size of a softball, on the side of the liquid nitrogen tank. The Richland Bomb Squad and the Benton County Fire Department responded. During a search, a second suspicious device was found on a condensate storage tank. The bomb squad determined both to be duct seal. The State of Washington was notified. Fuel present at site.

IB-84-21 05/23/84 Oyster Creek
Jersey Central Power and Light Company
Ocean County, NJ

Bomb threat. Hoax. At 2:32 a.m., a male telephoned the North gatehouse and stated that he was from the people against nuclear power and a bomb was going to explode in two hours. The licensee

implemented the emergency and safeguards contingency plans. The protected area and public areas adjacent to the site were searched with negative results. The plant was in an extended modifications and refueling outage at the time. The licensee notified the FBI, the local police, and the State of New Jersey. Fuel present at site.

IB-84-22 06/20/84 Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. At 3:19 p.m., a male with a midwestern accent telephoned security personnel and said, "I brought two and a half pounds of explosives on site with me today, and you better find it tonight, because it goes off tomorrow." When asked where the explosives were, he stated, "You are security, you find it." A search was conducted with negative results. The state and local police, the FBI, and the State of New Jersey were notified. Fuel present at site.

IB-84-23 06/23/84 Fermi
Detroit Edison Company
Monroe County, MI

Bomb threat. Hoax. An individual telephoned a control room operator and said, "Four detonating devices are to go off in 11 hours and 48 minutes. Have a nice day." A search was conducted with negative results. The facility is 95% complete. Fuel present at site.

IB-84-24 08/27/84 Salem
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. At 11:05 a.m., a male on-site called the security post at the 100-foot elevation of Unit 1 and said, "This is a bomb threat. This is a bomb threat. There is a bomb planted in containment. It will go off in about 45 minutes." When asked which unit, the caller replied, "Unit 1." The licensee implemented the contingency plan and evacuated the containment area. Local law enforcement agencies and the FBI were notified. A search was conducted with negative results. Fuel present at site.

IB-84-25 09/12/84 Oyster Creek
Jersey Central Power and Light Company
Ocean County, NJ

Bomb threat. Hoax. At 6:18 p.m., a male on-site called the security force sergeant and said, "Both buildings are going to blow in 22 minutes." At 6:34 p.m., he said, "You have 14 minutes and I am dead serious." At 7 p.m., he said, "Many people are going to get hurt in a few minutes." A search of the protected and vital areas was conducted with negative results. The FBI and LLEA were notified. Fuel present at site.

IB-84-26 10/08/84 Zion
Commonwealth Edison Company
Lake County, IL

Bomb threat. Hoax. At 12:40 p.m., a male describing himself as a FALN representative called a local TV station and said that his organization was alive and active and would be committing terrorist acts in the area, including Commonwealth Edison's Zion facility. The TV station called the licensee, who called the FBI. The local police were also notified. The licensee conducted a search with negative results. Fuel present at site.

IB-84-27 11/06/84 Byron
Commonwealth Edison Company
Ogle County, IL

Bomb threat. Hoax. At 12:51 p.m., a male telephoned the security contractor's receptionist about possible employment. After being referred to the contractor's branch office, the caller said, "If I don't get a job, I'm going to blow this place up." The security shift supervisor notified the shift engineer. A security alert was declared, and patrol coverage was increased. Fuel present at site.

IB-84-28 12/11/84 Indian Point
Consolidated Edison Company
Westchester County, NY

Bomb threat. Hoax. At 9:38 p.m., the Pinkerton Detective Agency notified site personnel that a male telephoned and said, "I am going to sabotage Indian Point." Searches were conducted on two shifts with negative results. Fuel present at site.

IB-85-01 01/10/85 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 7:35 p.m., a person on-site called the security watch in the secondary alarm station and said, "There is a bomb in the SAS. It is going off in 35 seconds." The licensee searched the protected and vital areas with negative results. Fuel present at site.

IB-85 01/23/85 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 10:42 a.m., a male telephoned a radio station in Babylon, New York, and said, "There is a bomb going to go off at the nuclear power company in Shoreham at 12 p.m." The police notified the licensee. At 11:30 a.m., an individual telephoned the police on the emergency call-in number and said, "Bomb set to go off at 12:30. You better do something." Searches were conducted with negative results. Fuel present at site.

IB-85-03 02/14/85 Harris
Carolina Power and Light Company
Wake County, NC

Bomb threat. Hoax. Licensee personnel found an unsigned note inside an employee "quality check" comment box which read, "Ten sticks of dynamite are planted inside the reactor auxiliary building elevation 261 and will go off at 5:30 p.m." The reactor and auxiliary buildings were evacuated from 5 to 6 p.m. and searched with negative results. Fuel not present at site.

IB-85-04 05/04/85 Summer
South Carolina Electric and Gas Company
Fairfield County, SC

Bomb threat. Hoax. At about 1:30 p.m., an individual off-site telephoned the control room supervisor and said, "You are going to have a bomb go off in the control building in 30 minutes." A security alert was declared and non-essential personnel were evacuated. A search was conducted with negative results. Fuel present at site.

IB-85-05 05/09/85 Byron
Commonwealth Edison Company
Ogle County, IL

Bomb threat. Hoax. At 7:58 p.m., a male telephoned a contractor's on-site secretary and said, "A bomb will go off at 8:45." A search was conducted with negative results. Fuel present at site.

IB-85-06 05/06/85 Turkey Point
Florida Power and Light Company
Dade County, FL

Bomb threat. Hoax. At 12:21 a.m., an individual off-site called the Miami Police Department and said, "There is a bomb at Turkey Point and the FBI should be notified." A search was conducted with negative results. Fuel present at site.

IB-85-07 06/13/85 Vogtle
Georgia Power Company
Burke County, GA

Hoax device. At 9:15 a.m., a device rigged to resemble a homemade bomb was found inside the Unit 1 equipment hatch. The area was evacuated. The Augusta Police bomb Squad responded to the licensee's request for assistance and determined that the device was a hoax. Fuel not present at site.

IB-85-08 06/15/85 Shoreham
 Long Island Lighting Company
 Suffolk County, NY

Bomb threat. Hoax. An individual telephoned the Suffolk County Police Department on 911 and said, "A device has been placed in the LILCO containment building" and "an evacuation of the area is imperative." A search was conducted with negative results. Fuel present at site.

IB-85-09 06/18/85 Turkey Point
 Florida Power and Light Company
 Dade County, FL

Bomb threat. Hoax. At 12:16 a.m., a caller stated that a bomb was set to go off in 10 minutes. The licensee increased surveillance of the protected area. The vital area was searched with negative results. Fuel present at site.

IB-85-10 07/08/85 Clinton Center
 Illinois Power Company
 Dewitt County, IL

Bomb threat. Hoax. At 7:27 p.m., a male with a mid-eastern accent telephoned the visitors center of the Clinton Nuclear Power Plant and said, "A bomb will go off in the blue dome (containment building) at 9 p.m." All personnel were evacuated from the containment building. All levels of the containment were searched with negative results. The containment was re-entered at 9:30 p.m., and work resumed. Fuel not present at site.

IB-85-11 07/21/85 Oconee
 Duke Power Company
 Oconee County, SC

Bomb threat. Hoax. Between 7:20 a.m. and 12:15 p.m., an individual made two threatening calls from a local, off-site telephone. During this time period, the Region II resident inspector determined that he had received a similar call on his answering machine. All three calls mentioned "...blowing up your nuclear plant...my organization taking over...getting rid of idols..." The caller also made a non-specific threat to a member of the licensee's Board of Directors. A search was conducted with negative results. The local sheriff and the FBI were notified. Fuel present at site.

IB-85-12 08/09/85 Catawba
 Duke Power Company
 York County, SC

Indirect bomb threat. Hoax. At 8:30 p.m., a male telephoned the Catawba switchboard and requested that the call be tape-recorded. In a 16-minute conversation, the individual, while emphasizing that he was not making any threats against Duke Power, stated that

there were simple scenarios involving available explosives that could cause considerable damage to a nuclear power plant. The licensee increased security on-site and notified the FBI and the sheriff's department. Fuel present at site.

IB-85-13 08/25/85 Monticello
Northern States Power Company
Wright County, MN

Bomb threat. Hoax. At 7:15 p.m., the Minneapolis Emergency Center "911" operator notified licensee personnel that a caller stated there was a bomb at the Monticello Nuclear Plant. The licensee notified local law enforcement authorities. A search was conducted of the owner-controlled area and the plant's protected and vital areas with negative results. Fuel present at site.

IB-85-14 09/07/85 Prairie Island
Northern States Power Company
Goodhue County, MN

Bomb threat. Hoax. At 9:44 p.m., local law enforcement officials notified the licensee that an individual telephoned a bomb threat to them. The call was traced to a telephone booth, where a similar bomb threat involving the Monticello Nuclear Plant had been made on August 25, 1985. No bomb was found at that time. Plant and corporate management reviewed the details of the current threat and judged that no further action was required. Fuel present at site.

IB-85-15 09/13/85 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Bomb threat. Hoax. At 8:02 a.m. and 8:17 a.m., a caller stated to a site telephone operator that she could get hurt or die, as "things" had been strategically placed throughout the plant. A second call stated she should "get moving, not more than an hour." Licensee personnel activated the site Technical Support Center. The county Sheriff responded to the site. The plant area was evacuated. A search was conducted with negative results. Fuel present at site.

IB-85-16 09/17/85 Prairie Island
Northern States Power Company
Goodhue County, MN

Bomb threat. Hoax. At 9:49 p.m., a male telephoned the Minneapolis police emergency operator and said there was a bomb at the Prairie Island plant. A police patrol went to the caller's location, but no suspects were discovered. Licensee personnel determined the threat was a hoax. Plant personnel were briefed and cautioned to be alert. The security staff and the Minneapolis police reviewed tapes of all recent bomb threat calls with negative results. Fuel present at site.

IB-85-17 09/20/85 McGuire
Duke Power Company
Mecklenburg County, NC

Bomb threat. Hoax. At 9:30 p.m., an individual telephoned the Mecklenburg, North Carolina, County Police Department and said that a bomb had been planted at the McGuire Nuclear Station. At 9:38 p.m., the police informed the licensee. The police bomb squad found an empty briefcase in a trash can in the protected area, about 100 feet from the Unit 1 turbine building. The licensee's investigation established that a plant engineer had thrown the briefcase out on September 20. Fuel present at site.

IB-85-18 09/21/85 Monticello
Northern States Power Company
Wright County, MN

Bomb threat. Hoax. At 8:45 p.m., an intoxicated male telephoned the Northern States Power "trouble" dispatcher at the corporate office and stated that he had planted several bombs around the plant. The dispatcher contacted the plant and corporate security. The Wright County Sheriff's Department was contacted and helped security personnel search the plant and surrounding area with negative results. The Minneapolis Bomb Squad was put on alert, but not activated. The licensee contacted the FBI. The licensee did not consider this incident related to the previous bomb threat incidents which came in on the Minneapolis Emergency Center 911 number. Fuel present at site. (See also Item IB-85-13.)

IB-85-19 10/06/85 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. On Sunday, between midnight and 12:58 a.m., an individual telephoned a bomb threat to the Suffolk County Police Department. The Suffolk Police searched the Shoreham property with negative results. Fuel not present at site.

IB-85-20 10/21/85 Vogtle
Georgia Power Company
Burke County, GA

Bomb threat. Hoax. A male telephoned a bomb threat to the Walsh Construction Company (contractor) telecommunications operator. He identified himself and indicated that his employment was recently terminated due to a positive drug screening test. He stated he intended to "blow up," off-site, an unnamed laborer who reportedly had identified him as a drug user. He stated he had brought gas and gun powder on-site and had intended to "blow up" the reported informant on October 18, 1985, but the reported informant had not reported to work, as scheduled. Plant security searched the turbine building and general area, and the Burke County Sheriff Department searched off-site with negative results. Fuel not present at site.

IB-85-21 10/28/85 Watts Bar
Tennessee Valley Authority
Rhea County, TN

Bomb threat. Hoax. At 2:15 p.m., an individual telephoned the licensee and stated that dynamite would be transported onto the site sometime between the second and third working shift of October 28, 1985, and that the caller had a detonator. Full compensatory measures were taken, which included package search at the construction gate and pat-down search of persons entering the protected area, with negative results. Status: Preoperational. Fuel not present at site.

IB-85-22 11/01/85 Braidwood
Commonwealth Edison Company
Will County, IL

Bomb threat. Hoax. An individual telephoned a local dispatcher and stated that there were "devices" planted at the gates. A search was conducted with negative results. Labor unrest involving the guard force was occurring at the time of the call. Fuel not present at site.

IB-85-23 12/30/85 Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. At 9:21 a.m., an individual announced over the internal page/party system that a bomb was located on the 201 foot elevation of the reactor building (refueling floor). The reactor building was evacuated from the 102 foot elevation (ground level) up. A search was conducted with negative results. Plant status: Preoperational. Fuel present at site.

IB-86-01 01/02/86 Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. At 10:15 a.m., the licensee received a telephone call from an individual off-site who said that there was a bomb in the drywell. A search was conducted with negative results. This was the second bomb threat in four days. Plant status: Preoperational. Fuel present at site. (See Item IB-85-23.)

IB-86-02 01/11/86 Vogtle
Georgia Power Company
Burke County, GA

Bomb threat. Hoax. At 11:09 a.m., the plant switchboard operator received a call from a male who stated that there was a bomb in the power block, set to go off at 12 noon. When questioned

about the location of the bomb, the caller stated he had his hand on it. A search of the power block was negative, and normal operations were resumed at 12:05 p.m. Plant status: Preoperational. Fuel not present at site.

IB-86-03 01/17/86 Monticello
Northern States Power Company
Wright County, MN

Bomb threat. Hoax. At 11:30 p.m., a male caller telephoned the Northern States Power Company Trouble Center and stated, "Hey Buddy, you'd better shut down the Monticello plant: we'll blow it up." Corporate and plant personnel were notified. The Wright County Sheriff's Department assisted in conducting a search with negative results. Plant status: Operational. Fuel present at site.

IB-86-04 01/23/86 Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Bomb hoax. At 6:10 p.m., a member of the station fire brigade discovered a bomb-like device in the containment enclosure ventilation fan room. The device consisted of a small (approximately 6" x 10" x 3") blue plastic box with a digital watch taped to the top and two wires leading into the box. Both the Seabrook and New Hampshire State Police responded to the site due to the authentic appearance of the device. The package was determined not to be a bomb and was removed shortly after 8:30 p.m. The Seabrook Police conducted an investigation into the incident with negative results. No bomb threat was received. Plant status: Preoperational. Fuel not present at site.

IB-86-05 02/11/86 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 12:40 a.m., the Suffolk County Police Department, Long Island, New York, received a bomb threat from a male caller, via the 911 emergency telephone. After tracing the call, the police identified the individual who stated he made the call as a joke. The individual made a court appearance and was placed on probation. A second threat was received at 9:30 a.m. by the plant switchboard operator. The caller was unidentified, and appropriate security measures were implemented. The licensee believed these threats were linked to a recent U.S. District Court decision which barred Suffolk County from enforcing a law prohibiting licensee employees from participating in emergency preparedness exercises in the roles of County Emergency Response Employees. Plant status: Operational. Fuel present at site.

IB-86-06 02/12/86 Comanche Peak
Texas Utilities Generating Company
Sommerville County, TX

Bomb threat. Hoax. At 8 a.m., the nuclear engineering manager's office received a bomb threat. The nuclear engineering building, which was near the proposed protected area, was evacuated. Site security searched the area with negative results. Personnel returned to work at 10:30 -. Plant status: Preoperational. Fuel present at site.

IB-86-07 02/13/86 Defense Nuclear Agency
Armed Forces Radiobiology Research
Institute Bethesda, MD

Bomb threat. Hoax. In the afternoon, an anonymous letter was received by the licensee which threatened the use of a bomb to cause political and social problems for the Institute. Military intelligence and the FBI were advised and investigated the incident with negative results. Plant status: Operational. Fuel present at site.

IB-86-08 03/07-10/86 Sequoyah
Tennessee Valley Association
Hamilton County, TN

Bomb threat. Hoax. Sometime between 4 p.m., March 7, and 8:30 a.m., March 10, a message was left on a contractor's answering machine by an unknown person who said, "We are looking for a little nuclear reactor... I have lots of bombs -- big bombs and little bombs..." The caller identified himself as "Number 16" and left a telephone number at which he could be reached. The licensee notified the FBI and provided the answering machine tape to the FBI for appropriate action. No perpetrator identified. Plant status: Shutdown. Fuel present at site.

IB-86-09 03/24/86 Oyster Creek
Jersey Central Power and Light Company
Ocean County, NJ

Bomb threat. Hoax. At 4:35 p.m., the station telephone operator received an outside call from a young male caller who stated, "Bomb planted 305," and hung up. The telephone operator notified the security shift commander. A search was conducted of accessible vital areas, the protected area, and the owner-controlled area with negative results. Plant status: Operational. Fuel present at site.

IB-86-10 04/06/86 Davis Besse
 Toledo Edison Company
 Ottawa County, OH

Bomb threat. Hoax. At 8:45 p.m., a telephonic bomb threat from an unidentified male on-site was received at the Davis Besse Administration Building. When confronted at 10:50 p.m., a contract security guard, who had access to the phone from which the threat originated, admitted making the call. The individual stated there was no bomb. His site access was immediately revoked, and he was escorted off site. The Ottawa County Sheriff investigated the incident. The licensee notified the local FBI. The perpetrator was charged, under an Ohio statute, with calling in a false alarm. He was found guilty and sentenced to 60 days in jail. He was released on probation and has left the area. Plant status: Shutdown for equipment repairs. Fuel present at site.

IB-86-11 04/18/86 Browns Ferry
 Tennessee Valley Authority
 Limestone County, AL

Bomb threat. Hoax. At 1:25 p.m., a male called the pay telephone located adjacent to the visitors processing area at the entrance to the Browns Ferry Site and said, "This is a bomb threat. At 3:06 p.m., a bomb will go off at the back side." The areas both within and outside the protected area were evacuated and searched with negative results. The licensee notified the FBI, Limestone County Sheriff's Office, and the Alabama State Police and initiated the appropriate security contingency measures. No perpetrator identified. Plant status: All units had been shut down, and Units 1 and 2 had been defueled. Fuel present at site.

IB-86-12 04/21/86 Millstone
 Northeast Nuclear Energy Company
 New London County, CT

Bomb threat. Hoax. At 2:19 a.m., security personnel received two telephonic bomb threats from a female on-site. Searches were conducted at all three units with negative results. Plant status: Operational. Fuel present at site.

IB-86-13 04/25/86 LaSalle
 Commonwealth Edison Company
 LaSalle County, IL

Bomb threat. Hoax. At 9:30 p.m., the licensee received a telephone call from a male on-site who stated that there was a bomb in the Unit 1 reactor. The site was closed. A search was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-86-14 04/30/86 Harris
Carolina Power and Light Company
Wake County, NC

Bomb threat. Hoax. At 1:46 a.m., a construction contract security guard received a call from a male on-site who, in a clear, distinct and calm manner, stated, "I have worked here [Harris] for 7 years. I hate this place. I have planted 3 bombs." No perpetrator identified. Plant status: Preoperational. Fuel present at site.

IB-86-15 05/05/86 Crystal River
Florida Power Corporation
Citrus County, FL

Bomb threat. Hoax. At 5:30 p.m., the security organization received a bomb threat call from an individual who advised that a bomb would explode the next day at 2:30 p.m. Based on the content of the threat and conversations with people who believed they knew the originator of the threat, the threat was not considered valid by the licensee. However, the FBI was notified, access portal searches were increased, and a search was conducted with negative results. No perpetrator identified. Plant status: Operational. Fuel present at site.

IB-86-16 05/06-07/86 Peach Bottom
Philadelphia Electric Company
York County, PA

Bomb threat. Hoax. At 10:35 p.m., on May 6, 1986, the shift clerk in the control room received a telephone call from a male, believed to be in his 20's or 30's, with no abnormal speech patterns, who said that two bombs were at Peach Bottom, set to go off at 1 a.m. At 10:49 p.m., the York County Control (Emergency 911 number) also received a telephone call reporting that two bombs were set at Peach Bottom at elevations 116-foot level and 165-foot level, set to go off at about 1 a.m. A protected area and plant search by security personnel and Pennsylvania State Police was conducted with negative results. At 10:36 p.m., on May 7, 1986, the Lancaster County dispatcher (Emergency 911 number) received a telephone call regarding the May 6 bomb threat from a male, 30-34 years of age, who appeared to be reading a message in a calm, normally quiet voice. The message stated, "Listen carefully, I planted two bombs at Peach Bottom last night, and I will set them off tonight if the American people do not wake up." The Lancaster dispatcher notified the Pennsylvania State Police, who notified the Peach Bottom Security Force. The licensee considered this threat a restatement of the May 6, 1986 bomb threat, and no additional action was taken. Plant status: Operational. Fuel present at site.

IB-86-17 05/13/86 Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

Bomb threat. Hoax. At 9:43 p.m., the switchboard operator received a bomb threat from a caller, described as a young male, approximately 12-14 years old, who stated, "We don't like you and we are going to bomb you." The caller hung up before the operator could trace the call or ask additional questions. Plant status: Operational. Fuel present at site.

IB-86-18 05/14/86 Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Bomb threat. Hoax. An anonymous letter was sent to the Office of the Governor of New Hampshire threatening to blow up the Seabrook plant by July 4, 1986. The licensee, in consultation with the FBI and State law enforcement agencies, assessed the threat as not being credible. Plant status: Preoperational. Fuel present at the site.

IB-86-19 05/16/86 Westinghouse
Columbia, SC

Bomb threat. Hoax. At 9:45 p.m., the Columbia Fire Department was informed by telephone that a bomb would go off at the Westinghouse Nuclear Plant shortly after 10 p.m. The fire department dispatched a fire truck to the Westinghouse site. At about the time the fire truck arrived, a guard received a telephone call stating that a bomb would go off shortly after 10 p.m., at the back of the plant. A search was conducted with negative results. The plant was not evacuated. Plant status: Operational. Fuel present at site.

IB-86-20 05/28/86 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Bomb threat. Hoax. At 1:02 p.m., a caller contacted the licensee and said bombs were set to detonate in an hour at Bechtel's administration building and its warehouse. Both locations were outside the protected area. The licensee conducted searches with negative results. Plant status: Operational. Fuel present at site.

IB-86-21 06/24/86 Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Bomb threat. Hoax. At 2 p.m., a representative of the State of New Hampshire, Attorney General's Office, advised the licensee that an audio cassette tape received by the Governor's Office contained a bomb threat against the Seabrook Station. The licensee, in consultation with the FBI and State law enforcement agencies, assessed the threat as not being credible. The licensee conducted a search with negative results. Plant status: Preoperational. Fuel present at site.

IB-86-22 07/15/86 Limerick
Philadelphia Electric Company
Montgomery County, PA

Bomb threat. Hoax. At 11 a.m., the site switchboard received a call from a female who stated, "There is a bomb." A security search of the Unit 1 protected area was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-86-23 07/19/86 Surry
Virginia Electric and Power Company
Surry County, VA

Bomb threat. Hoax. At 8:05 a.m., the licensee's security shift supervisor received a call from a person who said, "A bomb is planted where it will do the most damage." No evacuation was conducted. The licensee increased security at its access building and conducted appropriate searches, assisted by county and state police, with negative results. The licensee had been plagued with similar harassing calls at its non-nuclear facilities. Plant status: Operational. Fuel present at site.

IB-86-24 07/23/86 Comanche Peak
Texas Utilities Generating Company
Somerville County, TX

Bomb threat. Hoax. At 9:10 p.m., a caller with a Latin accent paged the safety officer on two occasions. Both times, when the safety officer answered, the caller said, "Bomb 790" (meaning elevation 790). A search of both units was conducted with negative results. Plant status: Preoperational. Fuel present at site.

IB-86-25 08/18 - 19/86 Arkansas
Arkansas Power and Light
Pope County, AR

Bomb threat. Hoax. A recorded bomb threat was left on the telephone answering machine in the resident inspector's office sometime between 6 p.m. and 7:30 a.m. The caller threatened to blow up the nuclear plant and shoot or blow away people on site, including "inspectors." The FBI investigated with negative results. Plant status: Operational. Fuel present at site.

IB-86-26 08/22/86 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Bomb threat. Hoax. At 9:15 p.m., the Bechtel switchboard operator received a call from a male who stated, "There is a bomb at Unit 1 set to go off at 1 o'clock" (a.m. or p.m. unknown). The licensee notified local law enforcement authorities and conducted a search with negative results. Plant status: Operational. Fuel present at site.

IB-86-27 08/24/86 Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. The Boston Globe newspaper was notified at 12:30 a.m. that bombs would explode at Seabrook Station, Seabrook, New Hampshire, and Pilgrim Nuclear Power Station, Plymouth, Massachusetts, within the next 18 hours. The newspaper notified the Massachusetts State Police, who notified the New Hampshire State Police and the Pilgrim Nuclear Power Station. Security measures were enhanced. A bomb search at Pilgrim yielded negative results. Plant status: Shutdown for refueling. Fuel present at site.

A bomb search at Seabrook Nuclear Station at 1:17 a.m. also yielded negative results. Plant status: Preoperational. Fuel present at site.

IB-86-28 08/26-27/86 Pilgrim
Boston Edison Company
Plymouth County, MA

Bomb threat. Hoax. At 2:40 p.m., the NRC resident inspector at the Pilgrim Nuclear Power Station, Plymouth, Massachusetts, received a telephone call from a person who said, "There are three bombs at Pilgrim that are going to go off unless they stop loading fuel at Seabrook." The caller hung up immediately. The resident inspector informed the licensee. Enhanced security measures were immediately implemented. A search was conducted with negative results. Plant status: Shutdown for refueling. Fuel present at site.

IB-86-29 09/03/86 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

Bomb threat. Hoax. At 3:43 a.m., the central alarm station received a call from an individual on-site who said, "This is a bomb threat, I'm going to blow you to hell." The licensee searched all buildings with negative results. TVA conducted an investigation with negative results. All units had been shutdown, and Units 1 and 2 had been defueled. Fuel present at site.

IB-86-30 09/08/86 Harris
Carolina Power and Light Company
Wake County, NC

Bomb threat. Hoax. At 6:20 a.m., a telephonic bomb threat was received at a timekeeper's office in the construction area of the Harris site. The caller said, "There is a bomb out here, you all better get everybody out." The licensee determined that the call was initiated from off-site to the site unattended switchboard and was automatically diverted to the timekeeper's office.

Notifications were made to site management, security forces, and the resident inspector. No further action was taken because of the vagueness of the threat. Plant status: Operational. Fuel present at site.

IB-86-31 09/09/86 Watts Bar
Tennessee Valley Authority
Rhea County, TN

Bomb threat. Hoax. At 7:45 a.m., a person called the machine shop and said, "There is a bomb in the auxiliary building and it is going to blow up." The licensee evacuated the auxiliary building. A search was conducted with negative results. The licensee believed the call was made from inside the plant. No perpetrator identified. Plant status: Preoperational. Fuel present at site.

IB-86-32 09/11/86 Beaver Valley
Duquesne Light Company
Beaver County, PA

Bomb threat. Hoax. At 7:48 a.m., a man called the Unit 2 switchboard operator and stated that there was a bomb on the site, set to go off between 11 a.m. and 12 noon. In a second telephone call at 8:44 a.m., he stated that the bomb was in the reactor building. Although the caller did not specifically state in which unit the bomb was planted, only the Unit 2 reactor building was accessible. All non-essential personnel were released from the Unit 2 site. A search was conducted with negative results. Plant status: Unit 1, Operational; Unit 2, Preoperational. Fuel present at site.

IB-86-33 09/11-12/86 D. C. Cook
Indiana & Michigan Electric Company
Berrien County, MI

Bomb threat. Hoax. At 5:05 p.m., the plant switchboard operator received a telephone call from a female who said a bomb had been placed in the training center and it was going to blow them all to hell. The caller's speech was slurred, and the operator had a hard time understanding her. No detonation time was stated. The training center was evacuated. A search was conducted with negative results. At the recommendation of the Berrien County Sheriff's Department Bomb Squad, access to the areas in question was restricted for 12 hours. Plant status: Operational. Fuel present at site.

IB-86-34 09/26/86 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

Bomb threat. Hoax. At 8:26 a.m., the Unit 2 switchboard operator received a telephone call from a young male who stated that a bomb in the reactor building would go off that day. The caller did not state which unit was involved, but only the Unit 2 reactor building was accessible. By 9 a.m., the licensee had evacuated the reactor building. A search was conducted with negative results. A similar bomb threat had been received on September 11, 1986. Plant status: Unit 1, Operational; Unit 2, Preoperational. Fuel present at site.

IB-86-35 09/26/86 Seabrook
 Public Service Company of New Hampshire
 Rockingham County, NH

Bomb threat. Hoax. At 4:05 p.m., a male called the site and stated, "I am calling with a warning from the United Front for America, get all the people out. Seabrook blows up tonight." The bomb search procedure was initiated. At 8:11 p.m., the search team found three pieces of pipe, about 11 inches long, that were taped together in the radwaste processing building control room. The device clearly had no other indications of being a bomb, but was turned over to the local law enforcement authorities. No other suspicious items were found. Local law enforcement agencies did not recognize any group named the "United Front for America." Plant status: Preoperational. Fuel present at site.

IB-86-36 10/09/86 Seabrook
 Public Service Company of New Hampshire
 Rockingham County, NH

Bomb threat. Hoax. Between 1 and 2 p.m., a disc jockey at a radio station in Leominster, Massachusetts, received a telephone call from a male who stated, "I just want to say this once. A bomb will go off at Seabrook Station late this week or early next week." At 3:30 p.m., the news director at the radio station notified the licensee. The site was searched with negative results. Plant status: Preoperational. Fuel present at site.

IB-86-37 10/10/86 Limerick
 Philadelphia Electric Company
 Montgomery County, PA

Bomb threat. Hoax. At 1:20 a.m., the licensee received notification from the local police that an attendant in a convenience store in a neighboring county had reported a threat against the station. The attendant reported that, about midnight, a white male and a white female sought directions to the Limerick Station from him. When he questioned why they wanted to go there, the male responded that he had C-4 explosives in his car and was going to blow up the station.

The attendant provided the police with a description of the vehicle. A county-wide alert for the vehicle was issued in the county in which Limerick is located. The vehicle was not located, and the perpetrators were not identified. Plant status: Operational. Fuel present at site.

IB-86-38 10/31/86 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Bomb threat. Hoax. At 11:35 a.m., the Rancho Seco telephone operator received a telephone call from a male and then a female caller warning that a bomb would go off in 43 minutes. Buildings outside the protected area were evacuated. No bomb was found. Plant status: Shutdown for equipment repairs. Fuel present at site.

IB-86-39 11/01/86 Braidwood
Commonwealth Edison Company
Will County, IL

Bomb threat. Hoax. At 5 p.m., a male on-site telephoned the plant security office claiming he had planted a bomb in the auxiliary building and that it would explode at 5:30 p.m. The caller was unresponsive to questions about the type and location of the device. The auxiliary building was evacuated. A limited search was conducted with negative results. Plant status: Preoperational. Fuel present at site.

IB-86-40 11/11-12/86 Sumner
South Carolina Electric and Gas Company
Fairfield County, SC

Bomb threat. Hoax. At 11:13 p.m., a caller to the station telephone switchboard operator said, "There is a bomb on the 4121 auxiliary building, it will go off at 0100, do you hear me?" The auxiliary buildings were searched with negative results. Plant status: Operational. Fuel present at site.

IB-86-41 11/15/86 South Texas
Houston Power & Lighting Company
Matagorda County, TX

Bomb threat. Hoax. At 6:25 a.m., a caller on-site telephoned the control room and stated that a bomb was located in the mechanical auxiliary building. Security searched the area with negative results. No perpetrator identified. Plant status: Preoperational. Fuel not present at site.

IB-86-42 11/29/86 Prairie Island
Northern States Power Company
Goodhue County, MN

Bomb threat. Hoax. At 2:48 a.m., the station switchboard received an off-site call from an unidentified male who indicated that a bomb was planted in the reactor and it would go off in five minutes. The station was searched with negative results. Plant status: Operational. Fuel present at site.

IB-86-43 12/22/86 Limerick
Philadelphia Electric Company
Montgomery County, PA

Bomb threat. Hoax. At 11:20 a.m., the site telephone switchboard operator received a call from a male caller who requested to speak with the control room. While the operator attempted to ascertain which control room the caller wanted, several unintelligible words were heard before the caller terminated the call. In another call at 12:22 p.m., believed to be from the same person, the caller asked for "security." The call was transferred to the Unit 2 security force. The caller indicated that a bomb had been placed in one of three specific locations in and around Unit 1 and that it would detonate in "about 20 minutes." A search was conducted with negative results. Plant status: Unit 1, Operational; Unit 2, under construction. Fuel present at site.

IB-87-01 01/23/87 Harris
Carolina Power & Light Company
Wake County, NC

Bomb threat. Hoax. At 6:20 a.m. and 6:58 a.m., two telephonic bomb threats were received at the plant. The licensee conducted a search with negative results. Plant status: Operational. Fuel present at site.

IB-87-02 01/28/87 South Texas
Houston Lighting and Power Company
Matzorda County, TX

Bomb threat. Hoax. At 4:01 p.m., one minute after fuel arrival, the Medical Center received a bomb threat. A search was conducted with negative results. Plant status: Preoperational. Fuel present at site.

IB-87-03 02/06/87 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

Bomb threat. Hoax. At 10:32 a.m., a male called the Unit 2 switchboard operator and stated that three bombs were placed in the facility and were set to detonate at 3:45 p.m. The licensee conducted a search with negative results. This was the fourth threat received at Unit 2. Three previous threats were received in September 1986, coincident with fuel receipt (See Items IB-86-32, and IB-86-34). Plant status: Unit 1, Operational; Unit 2, Preoperational. Fuel present at site.

IB-87-04 02/18/87 Calvert Cliffs
 Baltimore Gas & Electric Company
 Calvert County, MD

Bomb threat. Hoax. At 11:46 a.m., an individual called a control room operator and stated, "There is a bomb on the second floor of the OTF." The OTF is an office and training facility that is outside of the plant protected area, but is within the owner-controlled area. At 11:56 a.m., the same threat message was received by an individual who answered a call to a pay telephone located on the first floor of the OTF. Site security was notified and conducted a search with negative results. Plant status: Operational. Fuel present at site.

IB-87-05 02/22/87 Harris
 Carolina Power & Light Company
 Wake County, NC

Bomb threat. Hoax. At 9:49 p.m., a threat was received from an on-site telephone line. The licensee reported that "giggling" could be heard in the background as the caller stated that a bomb was located in the turbine building. A search was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-87-06 03/06/87 Indian Point
 Consolidated Edison Company
 Westchester County, NY

Bomb threat. Hoax. At 5:30 a.m., a male called the security desk officer at the Indian Point Unit 2 off-site training center in Toddville, New York and stated that he would bomb Indian Point and the training facility. Before terminating the call, the caller repeated several times, "We are going to bomb." A search was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-87-07 03/06/87 Dresden
Commonwealth Edison Company
Grundy County, IL

Suspicious device. Hoax. At 10:50 a.m., a radiation health technician noticed two red paper cylinders, with silver duct tape covering the ends. Wires ran to a stop watch on a hard hat. The licensee investigated and, within three hours, identified a radiation chemistry foreman who admitted to making and placing the object as a "prank." He was suspended, and his site access was revoked. This prank represented no threat to the safety or security of the facility. Plant status: Operational. Fuel present at site.

IB-87-08 03/08/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

Bomb threat. Hoax. At 9:22 p.m., a male called the switchboard operator and stated, "There is a bomb, goodbye," and then hung up. At 10:05 p.m., the operator received another call from a male who stated, "There is going to be a bomb going off," and then hung up. The licensee conducted a search with negative results. Plant status: Operational. Fuel present at site.

IB-87-09 03/12/87 University of Arizona
Tucson, AZ

Bomb threat. Hoax. At 3 p.m., an individual with a Middle Eastern accent called the University's Medical Center and stated that a bomb was set to explode in 20 minutes in the bioengineering building. A second call, apparently from the same person, identified the "English-as-a-second-language" Center as an additional location. The biology and engineering (which housed the Triga reactor) buildings and the English-second-language Center were evacuated and searched with negative results. Fuel present at site.

IB-87-10 03/19/87 Beaver Valley
Duquesne Light Company
Beaver County, PA

Bomb threat. Hoax. At 11:21 a.m., a male called the licensee and said, "This is the People's Republic of Iran. There is a bomb getting ready to go off this afternoon, better get everybody out." A search was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-87-11 04/02/87 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 2:44 p.m., telephonic bomb threats were received by the Suffolk County Police Department and the licensee. A search, including the use of a bomb dog, was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-87-12 04/20/87 Ginna
Rochester Gas and Electric Company
Wayne County, NY

Bomb threat. Hoax. At 5:40 a.m., the licensee was notified by the Wayne County Sheriff's Department that the Monroe County Sheriff's Department received a call from an individual who threatened to load a bomb in a van and blow up Ginna Station. The call was traced to a pay phone in Rochester, and the call was recorded. The licensee increased security and placed a road block at the plant access road. Local authorities identified a perpetrator who was known to have a history of mental illness. Plant status: Operational. Fuel present at site.

IB-87-13 04/24-25/87 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 11:43 p.m., April 24, 1987, a male, probably in his late 30's, called an AT&T operator and stated that a bomb was going off at 12:10 a.m. at the Shoreham Nuclear Power Station and that there was going to be a nuclear disaster. The operator notified the Suffolk County Police. At 12:08 a.m., April 25, 1987, the Suffolk County Police advised the licensee of the threat. The licensee conducted a search with negative results. Plant status: Operational. Fuel present at site.

IB-87-14 05/13/87 Vogtle
Georgia Power Company
Burke County, GA

Suspicious device. Hoax. At 10:45 a.m., a device, suspected of being an explosive, was discovered on the third level of the control building. A U.S. Army Explosive Ordinance Team identified the item as nonexplosive. Plant status: Operational. Fuel present at site.

IB-87-15 05/26/87 Susquehanna
 Pennsylvania Power and Light Company
 Luzerne County, PA

Bomb threat. Hoax. At 10:26 a.m., an individual called the secondary alarm station operator and stated, "Who is this? This is security? I just want to inform you that there are three bombs planted at your site. One is at (message was indistinguishable), one is at (message was also indistinguishable), and the other is in your security building, and they will go off tonight." The licensee conducted a search with negative results. Plant status: Operational. Fuel present at site.

IB-87-16 07/04/87 Shoreham
 Long Island Lighting Company
 Suffolk County, NY

Bomb threat. Hoax. At 6:40 a.m. and 7:10 a.m., an individual called the security guards and stated, "A bomb is going to explode at 12 o'clock," and "Bomb at 12:01 or 1 p.m." Searches were completed with negative results. Plant status: Operational. Fuel present at site.

IB-87-17 07/08/87 Watts Bar
 Tennessee Valley Authority
 Rhea County, TN

Bomb threat. Hoax. At 2:03 p.m., a male called the licensee and stated that a bomb was in the field service building. The licensee evacuated and searched the building with negative results. Plant status: Preoperational. Fuel present at site.

IB-87-18 07/18/87 Harris
 Carolina Power and Light Company
 Wake County, NC

Bomb threat. Hoax. At 1:27 p.m., a male called the construction timekeeping office and stated, "One of your fire watch people left a bomb in containment last night." The employee notified an industrial security officer, who notified the operational control room, who notified a nuclear security officer. A search of containment by security, operations, and health physics personnel was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-87-19 07/21/87 General Electric Company
 Wilmington, NC

Bomb threat. Hoax. At 10:30 p.m., an individual called the fuel manufacturing control room and stated that a bomb would go off in the plant at 12:30 a.m. The licensee instituted enhanced vehicle access controls. Plant buildings were evacuated, and a search was conducted with negative results.

IB-87-20 07/24/87 Millstone
Northeast Nuclear Energy Company
New London County, CT

Bomb threat. Hoax. A telephone operator informed the New York State Police, who informed the licensee at 7:25 p.m., that a man, with telephone operator assistance, tried to phone the Millstone site. The individual identified himself and said it was easy to get to the control room and blow it up. The police went to the caller's residence, found him intoxicated and harmless, and arrested him for falsely "reporting an incident." The individual was identified as a former contractor radiation worker who was laid off and had his site access terminated on July 6, 1987 because he could not pass the pulmonary testing. Plant status: Operational. Fuel present at site.

IB-87-21 07/26/87 Fermi
Detroit Edison Company
Monroe County, MI

Bomb threat. Hoax. At 2:13 a.m., a male called the licensee and stated that he was angry because his place of residence lost power during a storm. He said he would blow up Fermi. Fermi security personnel were notified and conducted a search with negative results. The licensee knew the identity of the caller. Earlier in the day, the local police department had responded to a domestic disturbance at the alleged caller's home and found the individual intoxicated. The individual had been involved in disturbances before. Plant status: Operational. Fuel present at site.

IB-87-22 08/19/87 Clinton
Illinois Power Company
DeWitt County, IL

Bomb threat. Hoax. At 4:05 p.m., an individual called the Illinois Power Company Champaign Service Area Office and stated that explosives stolen from the Illinois Geological Survey had been placed at the Clinton Power Station and would explode at 9:22 p.m. The Clinton plant security senior management was notified, site security was tightened, and a search was conducted with negative results. Local law enforcement, Alcohol, Tobacco and Firearms (ATF), and the FBI were present at the site. Plant status: Operational. Fuel present at site.

IB-87-23 08/28/87 Clinton
Illinois Power Company
DeWitt County, Illinois

Bomb threat. Hoax. At 11:55 p.m., the DeWitt County Sheriff's Department received a telephone call indicating that there was a bomb at the Clinton Nuclear Power Station. The licensee increased security measures at the plant and initiated a search with negative results. Plant status: Operational. Fuel present at site.

IB-87-24 09/14/87 Vogtle
Georgia Power Company
Burke County, GA

Bomb threat. Hoax. At 4:50 a.m., a male caller notified the licensee's security office that "Two bombs were between Unit 1 and Unit 2 control room." The area was searched with negative results. Plant status: Operational. Fuel present at site.

IB-87-25 09/15/87 Vogtle
Georgia Power Company
Burke County, GA

Bomb threat. Hoax. At 4:42 a.m., a male called the licensee's security and said, "That bomb will go off this morning." The individual who received the call stated she thought the caller was the same person who telephoned a bomb threat the previous day. (See Item IB-87-24.) A search was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-87-26 09/20/87 Peach Bottom
Philadelphia Electric Company
York County, PA

Bomb threat. Hoax. At 5:20 and 5:30 p.m., a male called the control room shift clerk and whispered, "There is a bomb." No specific mention of Peach Bottom or time/location was included in the threat. Searches of personnel entering the protected area and a search of the plant buildings were conducted with negative results. Plant status: Shutdown. Fuel present at site.

IB-87-27 09/23/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Bomb threat. Hoax. At 10:45 a.m., three local television stations notified the licensee that they had each received calls from a male who indicated he intended to blow up Rancho Seco. A search was conducted of the common-user area inside the protected area with negative results. Plant status: Shutdown. Fuel present at site.

IB-87-28 09/29/87 Fermi
Detroit Edison Company
Monroe County, MI

At 12:48 a.m., a suspicious bag with wires protruding from it was found in the steam tunnel. The FBI was contacted and the area was sealed off. The Michigan State Police Bomb Disposal Unit arrived on site at 1:35. The bag was found to contain trash. Plant status: Operational. Fuel present at site.

IB-87-29 10/26/87 Salem
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. An off-site source notified the licensee of a vital area bomb threat. A search of all areas was conducted with negative results. Plant status: Operational. Fuel present at site.

IB-87-30 10/27/87 Salem
Public Service Electric and Gas Company
Salem County, NJ

Bomb threat. Hoax. At 6:30 p.m., a caller with an accent telephoned the Vineland, New Jersey Fire Department and stated: "There is a bomb at the Salem Nuclear Station." The fireman who received the call contacted the Vineland Police Department who, after an unsuccessful attempt to reach the licensee, contacted the NRC headquarter's duty officer, who relayed the call to the licensee. A search was conducted with negative results. Plant Status: Operational. Fuel present at site.

IB-87-31 10/29/87 Humboldt Bay
Pacific Gas and Electric Company
Humboldt County, CA

Bomb threat. Hoax. At 11:07 a.m., the Sheriff's Department notified the licensee that they had received a call from a female who stated that her husband was behaving strangely and had threatened to blow up Humboldt Bay. The man had military experience in explosives and carried a gun. The licensee conducted a search with negative results. The Sheriff's Department had knowledge of this individual and had received similar (hoax) telephone calls from him. Plant status: Shutdown. Fuel present at site.

IB-87-32 11/18/87 Peach Bottom
Philadelphia Electric Company
York County, PA

Bomb threat. Hoax. At 9:07 a.m. and at 11:41 a.m., bomb threats were received over the plant's internal telephone system. At 1:45 p.m., three additional bomb threats, also believed to have originated from on-site, were received. Searches were conducted with negative results. The licensee believed the bomb threats were related to arrests earlier in the day of several workers at the plant for drug trafficking. Plant status: Shutdown. Fuel present at site.

IB-87-33 11/20/87 Peach Bottom
Philadelphia Electric Company
York County, PA

Bomb threat. Hoax. At 12:50 p.m. and 2:50 p.m., two telephonic bomb threats, similar to those made on November 18 (See IB-87-32), were made to the plant. The licensee could not discern whether the threats originated from on-site, but believed the caller to be the same person in each case. The licensee conducted a search with negative results. Plant status: Shutdown. Fuel present at site.

IB-87-34 12/04/87 Shoreham
Long Island Lighting Company
Suffolk County, NY

Bomb threat. Hoax. At 9:20 a.m., the NRC resident clerical aide received a call from a male who requested the telephone number for the plant security department. The clerical aide gave the individual the telephone number for the plant switchboard and advised him that the switchboard would connect him with security. Within 1 or 2 minutes, the same individual called back and stated that nobody had answered the switchboard and "now the plant is going to blow up." The caller then hung up. The licensee was immediately notified and conducted a search with negative results. Plant status: Operational. Fuel present at site.

IB-87-35 12/11/87 River Bend
Gulf States Utility Company
West Feliciana Parrish, LA

Bomb threat. Hoax. At 3.30 p.m., the licensee received a telephone call from a male who twice stated, "Boom." A search was conducted with negative results. Plant status: Shutdown. Fuel present at site.

INTRUSION

II-62-01 10/25/62 Nuclear Materials and Equipment Corporation (NUMEC)
Leechburg, PA

At 4:30 a.m., a laboratory technician observed a stranger in the unclassified area of the Hafnium Plant. He approached the stranger, determined he was not a NUMEC employee, and immediately called the guard on duty. The guard searched the stranger and his automobile for possible stolen material with negative results. The intruder smelled intoxicated. He slurred, "I came to see the foreman, I want a job." The guard determined that the intruder had entered the area through an unlocked pedestrian door near the roll-up shipping door. The door lock was operating satisfactorily. A workman using this door for trash removal may have inadvertently left the door unlocked.

II-71-01 08/30/71 Vermont Yankee
Vermont Yankee Nuclear Corporation
Windham County, VT

At 8:45 p.m., the guard at the main gate received a radio call from the roving guard who requested assistance at the stack. Two guards responded to the call and found the roving guard had been attacked. As the roving guard was patrolling the fence, he heard a noise in the stack control building. Upon entry, he was assaulted. He had received blows about the head, a scratch across the abdomen and a deep laceration in the upper right leg. The intruder then ran west toward the switchyard. The local sheriff and state police were notified. The area was searched. A dog was used to search the wooded areas. Extra guards were placed near the area. Footprints found coming from and going to the river led to a hole in the north fence. No damage to material or equipment was detected. Roads in the area were patrolled throughout the night. Security was tightened. All patrols were doubled. Fuel present at site.

II-73-01 03/15/73 Oconee
Duke Power Company
Oconee County, SC

Between 11:30 p.m., March 14, and 1:30 a.m., March 15, there was a break-in at the fuel storage building by a person or persons who removed the door to gain access. No SNM was missing or damaged. It was presumed that someone entered the building to steal tools or other equipment. Fuel present at site.

II-74-01 05/16/74 Nuclear Fuel Services
Erwin, TN

At 12:50 a.m., a guard making a tour heard a mature male voice say, "Oh Lord, somebody is coming." The guard saw two individuals, one on the ground outside the fence and another on the outside, about two feet from the fence top. The latter individual was standing on a plank leaning against the outside of the fence. The two

individuals started running from the area. The guard summoned additional security personnel, and local police were notified. It was believed that the attempted penetration was not a professionally planned event, but probably was performed by local individuals. The local press had reported that there had been a recent series of industrial and educational site break-ins in the area.

II-74-02 05/27/74 United Nuclear
New Haven, CT

A guard hoping to improve his chances for promotion created an intrusion event. He admitted that he had fabricated a break-in and attempted burglary. No material was stolen in this ruse.

II-74-03 09/04/74 U.S. Nuclear Corporation
Oak Ridge, TN

A guard performing a routine inspection of the fence heard noise and observed a moving shadow. Messenger wire was found cut in one spot at the bottom of the fence fabric. A penetration of the fence had not been achieved. No alarms from material access area doors occurred. Additional security personnel and local law enforcement personnel responded.

II-75-01 02/23/75 Nuclear Fuel Services (NFS)
Erwin, TN

In the evening, the licensee reported that two unknown individuals had been detected inside the protected area fence when a beam of the intrusion detection system was broken on the west side of the plant. One minute later, the beam was reported as having been broken again. A guard responded in the security vehicle. As the vehicle started down the west side of the fence, the beam was broken and the guard observed two figures leap from the top of the fence and run off. The guard was about 700 feet away when the individuals left the protected area. He observed the intruders leave via a railroad spur that entered the NFS protected area at the point of escape. The guard did not pursue the intruders immediately, although there was a general search of the area later. The sheriff's office was contacted. A deputy responded and helped search. Except for footprints near the apparent point of entry, no evidence was found. The licensee searched the protected area, checked doors, and tested intrusion alarms for operability. No proof was detected. This intrusion occurred in the same general area as the attempted entry on May 16, 1974. (See item II-74-1)

II-75-02 04/07/75 Public Service
New Jersey Power & Light Company
Camden, NJ

At 2 a.m., guard found lock on the entrance gate missing. A lock was also missing from the meteorology tower fence, and there was evidence of an attempted break-in of the shack associated with the tower. Telephone threats were received. Status: Under construction. Fuel not present at site.

II-76-04 07/18/76 Zion
Commonwealth Edison Company
Lake County, IL

At 4:30 p.m., a car, with two persons, struck one guard, attempted to run down a second one, and intruded into the owner-controlled area between the plant outer perimeter and the security fence. Four shots were fired at the fleeing vehicle, one of which hit the fuel tank. Local police apprehended and arrested the occupants. The driver appeared to be on drugs. Drug paraphernalia was found in the car. The occupants remembered no unlawful activity and complained that their car had been shot at while they passed a "manufacturing plant." Fuel present at site.

II-76-05 09/25/76 Indian Point
Consolidated Edison Company
Westchester County, NY

At 3:42 a.m., a drunk driver drove into the main vehicle gate, damaging it. No sensitive areas were penetrated. Fuel present at site.

II-76-06 10/03/76 Zion
Commonwealth Edison Company
Lake County, IL

At 10 a.m., a seventeen-year-old high school student camping at Illinois State Beach Park, south of Zion Station, approached the southeast corner of the protected area fence. The intrusion system detected him. Two guards were dispatched. The intruder continued north on the beach (public property), but broke an alarm beam when he climbed over the barbed wire barrier fronting the concrete forebay wall. As he proceeded south on the walkway of the forebay, guards apprehended him without resistance. The shift supervisor interviewed him and then turned him over to the Zion Police. The intruder's stated reason for coming over the fence was "to see the reactor." He was held for a few hours and then turned over to his father. Fuel present at site.

II-77-01 04/19/77 Fort St. Vrain
Public Service Company
Weld County, CO

During a shift change, an NRC inspector, who infrequently visited the facility and was not recognized, gained access to vital areas of the plant without a security challenge. Fuel present at site.

II-77-02 08/18/77 Ginna
Rochester Gas & Electric Corporation
Wayne County, NY

An individual seeking aid for a friend after their canoe capsized climbed a fence and requested help over the facility's public address system. Fuel present at site.

II-78-01 01/10-12/78 DOW TRIGA Reactor
DOW Chemical Company
Midland, MI

Two NRC inspectors from NRC Region III entered the fenced-in "limited area" of the facility plastics building without challenge. They then entered the reactor building through an unlocked rear door and proceeded through the control room into the reactor room. The inspectors had neither registered with the building receptionist nor been badged as visitors. Their presence was not challenged, although at least five building occupants had seen them.

II-78-02 01/23/78 Crystal River
Florida River Corporation
Citrus County, FL

During normal operation, a security alarm occurred. Three NRC inspectors and the officer of the guard had gained entry into the normally locked area through an unlocked security door. Apparently, the door had been left unlocked by a previous authorized entrant. The unlocking device was altered to prevent the door from being left in an unlocked condition. Fuel present at site.

II-78-03 02/15/78 San Onofre
Southern California Edison Company
San Diego County, CA

At 11:20 p.m., a USMC enlisted man climbed the facility fence to get help for his stuck car. The alarm sounded. The man was apprehended 10 feet inside the fenced area. Fuel present at site.

II-78-04 09/02/78 Cooper
Nebraska Public Power District
Nemaha County, NE

At 8 p.m., the local sheriff informed the station superintendent that he had received a report that someone had jumped off the Missouri River Bridge, three miles upstream of the Cooper Nuclear Station. Half an hour later, site security personnel apprehended a twenty-year-old man inside the protected area. He was intoxicated and very confused, as well as cold and wet. He explained that he had entered the site to search for a telephone. Station personnel knew the individual who was a "local." He was turned over to the sheriff. Fuel present at site.

II-78-05 10/04/78 Sequoyah
Tennessee Valley Authority
Hamilton County, TN

At 5:50 p.m., an attempted forced door entry into a temporary new fuel storage location was made. The guard and shift superintendent responded to the intrusion alarm and found that the door was missing its hasp and lock, both of which were found several feet away, in a wheelbarrow. Several laborers were in the general area. There appeared to be no evidence of actual entry into the storage area or of any damage to the fuel.

II-79-01 02/06/79 Nine Mile Point
Niagara Mohawk Power Company
Oswego County, NY

At 8:35 p.m., an NRC Region I inspector arrived at the site for an unannounced inspection. He gained unrestricted access to the protected area, but not vital areas, without being properly challenged. He then informed the shift supervisor of his presence and how he had gained admittance to the site. Subsequently, the licensee initiated an inquiry to determine the circumstances of this event and identified corrective action that would prevent a recurrence. Fuel present at site.

II-79-02 06/22/79 Fort St. Vrain
Public Service Company
Weld County, CO

At 4 a.m., an automobile was observed in the isolation area just outside the protected area fence. Responding plant security personnel observed a male standing on his automobile hood, with his hands on the protected area fence. When questioned, the individual indicated that he was taking photographs and writing a story. He had a New York driver's license and a female companion without available identification. They asked them to leave because they were trespassing. Fuel present at site.

II-79-03 07/11/79 Pilgrim
Boston Edison Company
Plymouth County, MA

At 7:20 a.m., a radiation waste truck arrived on-site, was searched and checked for contamination, and subsequently entered the protected area under guard escort. The reactor building truck lock was accessed at approximately 8:30 a.m. At 9:30 a.m., the escorting guard discovered the driver's nephew (15) asleep in the truck's sleeper section. Pocket dosimeters of the driver and the guard indicated 0 dosage. Licensee calculation indicated the maximum possible dosage to the youth was 4 millirems. The guard who searched the truck was immediately suspended, and the licensee disqualified the driver as a hauler. Fuel present at site. (Also included in Category IV as Item IV-79-04.)

II-80-01 02/23/80 Pilgrim
Boston Edison Company
Plymouth County, MA

At 3:30 a.m., two individuals were observed, via closed circuit television, climbing the protected area fence adjacent to the contractor's alternate access control entrance. A response team was dispatched, but failed to locate and identify them. At that time, 300 contractor employees were on-site. All persons on-site were checked and found properly badged. All vital area doors were locked/alarmed or manned. No unauthorized persons entered any vital areas. Fuel present at site.

II-80-02 03/04/80 Sequoyah
Tennessee Valley Authority (TVA)
Daisy County, TN

At 4 p.m., a TVA employee gained unauthorized entry through the guard house to the protected area and, by following other personnel, gained access to the reactor building, a non-vital area. At 9:25 p.m., the employee was observed photographing the fueling operation inside the containment. He was challenged and voluntarily surrendered his camera and three rolls of exposed film. An investigation determined that the employee had a valid picture badge for the protected area, but that his supervisor had neither authorized access for that shift nor authorized any photography. The employee told guards he was a TVA photographer and was supposed to accompany the official TVA photographer (coincidentally on-site that day). Guards erred in not verifying the employee's story when they returned his picture badge. The employee then toured the site, while the real TVA photographer was elsewhere on site. The employee attempted to enter a vital area by walking behind individuals who had valid key cards, but was stopped and told to use his own key card.

Since he did not have a valid key card, he then entered the reactor building. He was then challenged by a TVA official who knew the real TVA photographer. The employee stated that he was a part-time free lance photographer who wanted pictures for a possible future newspaper article. The licensee searched all areas where the employee could have entered. The search failed to identify anything amiss. Fuel present at site.

II-80-03 04/23/80 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

At 4:25 p.m., a contract security watchman observed a vehicle crossing the north access bridge to the site. The vehicle did not stop, so the guard could not record the driver's identification badge. This was reported to roving vehicle patrol guards who declared a security alert because the individual had not been identified. Responding state police arrived. An extensive search was conducted to identify the vehicle and driver. About 8:30 p.m., a licensee employee was identified as the possible entrant. He had driven a departing visitor through the north gate and then had driven to the adjacent parking area, thinking the guard knew that he was immediately returning. The employee returned through the north gate within two minutes. The guard became distracted by his processing duties, forgot about the employee, and believed the individual was an unauthorized entrant to the site. Fuel present at site.

II-80-04 05/07/80 Davis-Besse
 Toledo Edison Company
 Ottawa County, OH

At 5 p.m., an electrical contractor foreman was suspended for two days for allowing other contractor employees to use his card key for entry to a vital area. Subsequently, 230 contract employees walked off the job to support him. No licensee employees were involved. Fuel present at site.

II-80-05 06/20/80 D. C. Cook
 Indiana & Michigan Electric Company
 Berrien County, MI

At 3 a.m., a patrolling plant security officer found a hole in the protected area perimeter fence, large enough for a man to penetrate. Security was heightened. A search was conducted with negative results. Alarm logs were reviewed, and alarms successfully tested. It appeared that a vehicle had accidentally hit the fence from the outside and created the hole.

II-80-06 06/25/80 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

At 5:10 a.m., a watchman near Gate 4 heard the protected area perimeter fence rattling. He observed an individual inside the fence running toward the diesel generator rooms. The watchman notified security and pursued the individual, but lost sight of him. A search of the protected area was conducted, but no suspect was identified. All persons on-site were checked for proper identification. The intruder may have been a legitimate site employee surreptitiously returning to the site after having gone off-site, for personal reasons, without authorization.

II-80-07 07/05/80 Sequoyah
 Tennessee Valley Authority
 Daisy County, TN

At 9:30 p.m., a guard on routine patrol discovered a ladder leaning against the protected area fence (on the Unit 2 construction side). He also found drops of blood, indicating that a person had probably cut himself on the fence barbed wire. After this, the licensee searched the Unit 1 site and found another ladder on another elevation of the plant, also leaning against the protected area fence (this time on the operating side). No additional evidence of an intrusion was observed. Fuel present at site.

II-80-08 07/07/80 Three Mile Island
 Metropolitan Edison Company
 Dauphin County, PA

At 11:45 a.m., an individual telephoned the licensee and warned, "Watch your security, someone is going to try to get onto Three

Mile Island today." Security vigilance was increased. At 2:15 p.m., a security officer on patrol observed three individuals taking pictures on the far south end of the island. This area, outside the owner-controlled area, is not posted to prohibit trespassers. Two of the individuals said they were with a local television station from Harrisburg, Pennsylvania. The third was associated with a Harrisburg magazine. All three were escorted off the island. They had come over from the mainland by fording a shallow part of the river. They planned to write a story of the event for publication. Fuel present at site.

II-80-09 07/11/80 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

At 5:20 p.m., a male penetrated the protected area barrier on the south side of the plant site and proceeded to the radwaste building (about 100 yards). He had been in a boating accident and asked for help from the shift engineer. Security personnel responded, and the individual was taken into custody. Fuel present at site.

II-80-10 09/03/80 St. Lucie
Florida Power & Light Company
St. Lucie County, FL

During an emergency drill, an individual was allowed unauthorized access to the St. Lucie control room. He was a reporter from the Fort Pierce News Tribune, writing an article on St. Lucie County emergency services. He entered the St. Lucie protected area with the St. Lucie County Fire Chief and a responding ambulance. Both vehicles were escorted into the area by armed members of the security force. The medical personnel, the Fire Chief, and the reporter continued, under armed guard, to the control room. While there, the reporter took pictures until his presence and purpose were questioned. His film and notes were confiscated, but later returned. Fuel present at site.

II-80-11 10/09/80 Farley
Alabama Power Company
Houston County, AL

At 5 a.m., guards observed licensee employees approaching a contractor access gate, one mile west of the protected area. The employees were intoxicated and carrying wire cutters and a small vial of gasoline. They were subsequently placed in the custody of the police. Fuel present at site.

II-80-12 10/24/80 Fermi
Detroit Edison Company
Monroe, MI

An individual was discovered on owner-controlled property (outside the perimeter fence) on two occasions. The first time, 3 a.m.,

site security personnel questioned and released the individual. The second time, 4:30 a.m., site personnel filed an arrest warrant, and local authorities removed the individual from the licensee's property. Fuel not present at site.

II-80-13 10/27/80 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

At 1:30 p.m., the licensee found that a normally-locked door had been forcibly opened. It was between the top floors of the primary auxiliary building and the fuel building (both vital areas). The door had pried open with a crowbar or similar tool. Normally, it was kept locked to account for vital area access. The door had been observed undamaged on the midnight to 8 a.m. shift. A search of the fuel building and contiguous areas was conducted with negative results. Temporary repairs allowed the door to be relocked. The door was replaced the next day. Fuel present at site.

II-80-14 12/14/80 LaSalle
 Commonwealth Edison Company
 LaSalle County, IL

At 10:30 p.m., a car entered the site boundary through a construction gate, failing to stop for the watchman on duty. The LaSalle County Sheriff's Department subsequently apprehended an individual (who appeared intoxicated) for trespassing. The individual, who did not leave his car, was under continual surveillance during the incident. Fuel not present at site.

II-81-01 04/18/81 Millstone
 Northeast Nuclear Energy Company
 New London, CT

At 2 a.m., site security personnel apprehended an individual inside the security fence. The individual, apparently intoxicated, had gotten under the fence to protest the presence of the plant. The individual was turned over to local law enforcement personnel. Fuel present at site.

II-81-02 08/28/81 Millstone
 Northeast Nuclear Energy Company
 New London County, CT

At 1:35 a.m., two individuals attempted to gain access to the Unit 3 construction site. The construction security force detained the individuals. Local law enforcement authorities subsequently arrested them. Fuel present at Units 1 and 2.

II-82-01 02/17/82 Kewaunee
 Wisconsin Public Service Corporation
 Kewaunee County, WI

At 6:15 a.m., an individual attempted to climb the protected area barrier after being denied access to the gatehouse restroom. Security officers took the individual into custody, and he was subsequently arrested by local law enforcement personnel. Fuel present at site.

II-82-02 08/06/82 Indian Point
Consolidated Edison Company
Westchester County, NY

Between 11:30 and 11:45 p.m., a person or persons were detected outside the northeast corner of the protected area fence. Between 11:45 and 11:48 p.m., rocks were thrown at the protected area fence. Guards reported seeing a male running from the perimeter toward town. New York State Police were notified. The licensee conducted a search of vital, protected, and controlled areas with negative results. There was no penetration of the protected or vital areas. Fuel present at site.

II-84-01 02/11/84 Cook
Indiana and Michigan Electric Company
Berrien County, MI

A security officer saw two men, wearing military fatigues and hunting knives, in the owner-controlled area and notified the police. During police questioning, the two men said, "They wanted to see the nuclear plant." A disassembled .22 caliber pistol was found in their car. The police conducted a records search on the two men with negative results. The individuals did not try to enter the protected area. Fuel present at site.

II-84-02 02/12/84 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

At 7 p.m., a man scaled the protected area fence. Security personnel outside the protected area maintained observation of the individual before entry and until a security officer inside the protected area detained and escorted the man off-site. San Luis Obispo County Sheriff's Office personnel arrested the man for trespassing. Apparently, this man had been associated with the demonstrations at the plant gate and trespassing in the owner-controlled area (outside protected area) of the plant site since January 13. All security systems performed as designed. Fuel present at site.

II-84-03 05/22/84 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

At 2:42 p.m., a parked Tri-State Motor Transit tractor's brakes failed. The tractor collided with the main vehicle gate and careened into the protected area. The tractor's driver was in the security gatehouse. No one was injured. Fuel present at site.

II-84-04 09/25/84 Millstone
Northeast Nuclear Energy Company
New London County, CT

At 12 p.m., a railroad flatcar's brakes failed. The flatcar broke through a locked closed gate, in the protected area. The front of the car rolled about forty feet into the protected area after striking a derailler at the fence line. A watch was established on the breach in the fence. The derailler was moved to a position where it would be more effective. Fuel present at site.

II-84-05 11/26/84 Oyster Creek
Jersey Central Power and Light Company
Ocean County, NJ

A concrete truck's emergency brake failed, and the truck rolled into the protected area fence. Concrete work was in progress in the area. Security guards were posted at the damaged fence. Fuel present at site.

II-85-01 03/20/85 United Nuclear Corporation (UNC)
Montville, CT

At about 7:10 a.m., security personnel permitted a sleeping DOE employee in a product shipment escort vehicle to enter the site without signing in. The shipment convoy commander had requested that the sleeping escort not be awakened. UNC access procedures required that all escorts physically sign in. The licensee took corrective actions.

II-85-02 05/09/85 Three Mile Island
Metropolitan Edison Company
Dauhin County, PA

At 6:10 a.m., three independent demonstrators attempted to block the north gate to the Island. The licensee relocated site access to the south gate for about one hour. The state police arrested the demonstrators for trespassing. Fuel present at site.

II-85-03 06/06/85 Catawba
Duke Power Company
York County, SC

At 12:45 p.m., a security officer on routine patrol discovered an apparent breach of a vital area. The officer was inspecting a fire door that was propped open and found an open access panel to the ventilation duct adjacent to the fire door. Within the ventilation duct, the vital area barrier had been degraded. Possible unauthorized access could have been accomplished by the removal of other panels further inside the ductwork. An individual could have breached the vital area barrier, but once inside, would not have had access to any other vital area. Inspection of equipment inside the vital area revealed nothing irregular. Fuel present at site.

II-85-04

09/20/85

Vermont Yankee
Vermont Yankee Nuclear Power Company
Windham County, NY

At 3:15 p.m., a contractor arrived at Gatehouse 2 to gain access to the protected area. The guard directed him to Gatehouse 3 for processing. While enroute to Gatehouse 3, he mistakenly entered a warehouse access gate, open for a delivery. The guard posted at the gate did not detect the unauthorized, uncontrolled entry. The contractor proceeded to his on-site contact, who realized the individual had not been authorized for access and thus escorted him at (3:30 p.m.) to Gatehouse 3 for proper processing. The guard at the warehouse gate was relieved from duty and disciplined. Licensee investigation of the incident accounted for the contractor's activities while unescorted in the protected area. No safeguards threat had occurred. Fuel present at site.

MISSING AND/OR ALLEGEDLY STOLEN

III-57-01 05/24/57 State of Texas Department of Health

A 250-millicurie source of cobalt-60 was reported lost. A search and investigation was conducted with negative results.

III-60-01 1960's Nuclear Materials and Equipment Corporation (NUMEC)
Apollo, PA

An AEC-performed physical inventory for the period ending April 30, 1965, disclosed an apparent loss of 53 kilograms of U-235 on a contract involving chemical conversion of 1013 kilograms of U-235. There was an AEC investigation in November 1965. The NUMEC record system was so incomplete that AEC investigators could not determine the production yields and loss mechanisms directly related to this or any other single contract. Therefore, the AEC investigators could only determine the total cumulative U-235 "loss"* for the plant since it began operation in 1957. This cumulative "loss" from 1957 through October 1965 was 178 kilograms U-235 (1.2% of total cumulative plant receipts). The investigators estimated that a least 84.2 kilograms of this loss could be accounted for by unmeasured loss or waste streams, leaving an unaccounted for inventory difference of 93.8 kilograms.

The size of this estimated inventory difference, coupled with allegations of possible diversion and technical uncertainties, resulted in intensive but inconclusive investigations by other Federal agencies. The situation was further complicated because:

- ° The physical protection and material control programs at NUMEC during the mid-1960's were inadequate to prevent the theft of a significant quantity of special nuclear material; and
- ° The material accountability program at NUMEC during the mid-1960's was inadequate to detect a theft of a significant quantity of special nuclear material.

Therefore, the safeguards at NUMEC during the mid-1960's were such that a covert theft of material could have been successful. However, the nuclear material accountability practices at NUMEC then were also poor enough that an inventory difference of this magnitude could have occurred without theft or diversion. Intensive investigations of the situation by federal law enforcement agencies have found no information about material which seemed to be missing from this facility at this time.

*"Loss" here means the difference resulting from the total cumulative U-235 received by NUMEC, less the sum of (a) total cumulative shipments of U-235 by NUMEC to others; and (b) NUMEC's physical inventory of U-235 as of October 31, 1965.

- III-61-01 03/13/61 University of Chicago Clinic
Chicago, IL
- 200 millicuries of strontium-90 were reported lost. It was believed that they had been inadvertently included in the hospital pharmacy radioactive waste that was sent to the Argonne National Laboratory for disposal.
- III-61-02 04/10/61 Space Technology Laboratory
El Segundo, CA
- A strontium-90 sealed source (1.2 millicuries) was reported lost. A search was conducted with negative results.
- III-62-01 04/26 Westinghouse
to Cheswick, PA
05/02/62
- Two fuel plates of high enriched uranium (40 grams) were reported missing. Site management believed that both plates were inadvertently chopped or recycled within the facility.
- III-62-02 07/16/62 National Lead Company
New York, NY
- A lumber company truck driver found a natural uranium metal fragment (423 grams) in the lumber yard. He tried to find out what it was by sending it to a college, from where it was later retrieved. It was concluded that there was no evidence of theft and that the material probably came to the lumber yard accidentally. There was no threat to public health or safety. (Also included in Category IV as Item IV-62-01.)
- III-62-03 07/16/62 Lorain, OH, to St. Louis, MO
- Twenty cobalt-60 needles (5.3 to 10.6 millicuries each) were reported lost. Sixteen needles were recovered along the highway. Four needles, 5.3 millicuries each, were not located. (Also included in Category IV as Item IV-62-02.)
- III-62-04 10/06/62 Carnegie Institute of Technology
Pittsburgh, PA
- Sixty-seven aluminum-clad natural uranium slugs were reported missing. In March 1964, forty-one of the slugs were located in the possession of a scrap metal dealer in Cleveland, Ohio.
- III-62-05 10/16/62 Philadelphia College of Textiles and Science
Philadelphia, PA
- A piece of natural uranium (192 grams) was reported missing. In early 1954, the AEC had supplied the metal to a Congressman on the Joint Committee on Atomic Energy (JAEC) for display use in speeches and talks. He concluded that the natural uranium may have been swept up in the trash after a meeting. He reimbursed the AEC for the material.

- III-63-01 Early 1963 New Mexico to St. Louis, MO
- A mill in New Mexico shipped 46 drums of yellowcake to a fuel processor in Missouri. Each drum contained 800 pounds of yellowcake. The entire shipment was placed in one trailer. In Kansas City, the seal was broken and five drums were transferred to another trailer because the first was overweight. The shipments arrived in St. Louis two days after being shipped and were recombined. The St. Louis freight terminal company refused the shipment because the trailer seal was broken and the recombined shipment, at this point, had only 44 drums. Two were missing. (Also included in Category IV as Item IV-63-01.)
- III-63-02 07/21/63 Battelle Memorial Institute
Columbus, OH
- Two samples of material (0.54 grams of uranium) were reported missing. The material was believed to have been accidentally discarded.
- III-63-03 10/04/63 Stevens Institute of Technology
Hoboken, NJ
- One aluminum-clad natural uranium slug (4 pounds), out of a total inventory of 1,389 slugs, was reported missing.
- III-64-01 06/05/64 Rensselaer Polytechnic Institute
Troy, NY
- One aluminum-clad natural uranium slug (4 pounds), out of a total inventory of 1,292 aluminum-clad slugs, was reported missing.
- III-64-02 06/12/64 Pratt & Whitney
- One 0.9-gram (1 inch by 0.894 inch by 0.004 inch) foil of 93% enriched U-235 was reported missing.
- III-64-03 07/23/64 General Electric Company
Vallecitos, CA
- One capsule (4.33% enriched) was reported missing.
- III-64-04 08/07/64 Marquette University
Milwaukee, WI
- One aluminum-clad natural uranium slug (4 pounds), out of a total inventory of 1,381 aluminum-clad slugs, was reported missing.
- III-64-05 09/64 CEA, New York, to CEA, Saclay, France
- Six 0.5-gram samples of plutonium destined for France were lost in shipment and not delivered until May 5, 1970. The package of samples was discovered in its original shipping carton in a warehouse. (Also included in Category IV as Item IV-64-01.)

III-64-06 11/23/64 Tulane University
Louisiana

One aluminum-clad natural uranium slug (4 pounds) was reported missing.

III-66-01 02/04/66 Case Institute of Technology
Cleveland, OH

Eight aluminum-clad reject natural uranium slugs (31.5 pounds), out of a total inventory of 1,415 slugs, were reported missing. Case authorities stated that on February 2, 1966, several tools were noted missing from the Nuclear Engineering Laboratory. It was possible that the slugs were stolen. Hazards from a direct radiation standpoint were negligible.

III-66-02 08/66 Fort Worth, TX, to Queens, NY

In August 1966, a one-inch-long cylinder containing 300 milligrams of radium (no license required) was lost in shipment. The loss of the capsule was apparently due to improper packaging. Despite an intensive search, using Geiger-counter teams, the capsule was never found. (Also included in Category IV as Item IV-66-01.)

III-66-03 09/08/66 Columbia University
New York, NY

Three slugs of aluminum-clad natural uranium were reported missing. (See III-67-02.)

III-66-04 09/66 Seattle, WA, to New York

In September 1966, a radium capsule (no license required) was lost in shipment from Seattle to New York. It contained 50 milligrams of radium. Although this shipment was properly packaged, the lid was loose when the crate arrived in New York, and the capsule was missing. A search was conducted with negative results. (Also included in Category IV as Item IV-66-02.)

III-67-01 01/67 Wayne State University
Detroit, MI

The apparent loss of three one-gram uranium oxide reference sources containing a total of 1.38 grams of U-235 was reported. These sources were obtained from the Ford Motor Company's Scientific Laboratory on August 8, 1966, and had never been used. They may have been accidentally put in with dry active waste stored in the same area. This waste was shipped to the Nuclear Engineering burial site in December 1966. The last accounting of the sources was in October 1966. During the routine January 1967 inventory, the sources could not be found.

III-67-02 03/01/67 Columbia University
New York, NY

Five slugs of natural uranium (30 pounds), out of an original total inventory of 1,448 slugs, could not be located during a physical inventory. In February 1967, lab equipment, including the slug inventory, had been moved to a new area. On March 1, 1967, it was reported that "eight slugs are now missing" (see Item III-66-03). Some students may have been taking the slugs as souvenirs.

III-67-03 03/08/67 Drexel Institute of Technology
Philadelphia, PA

Inventory records indicated that 1,382 aluminum-clad hollow reject slugs (3.98 pounds) were shipped to the Institute on March 8, 1962. A March 3, 1967 inventory could account for only 1,381 slugs. The subcritical assembly room was undergoing alterations. The slugs had been removed and stored in a locked room before the inventory. (See also Item III-70-04.)

III-67-04 10/03/67 Pennsylvania State University
University Park, PA

One uranium plated cylinder containing .057 grams of U-235 was reported lost and presumed mistakenly discarded.

III-67-05 10/06/67 Unknown Location

Three curies of americium-241 were believed to have been accidentally discarded with radioactive wastes.

III-67-06 12/15/67 Transit to France

The National Bureau of Standards was found to possess six 0.5-gram plutonium samples reported lost in transit to France in August 1964. (Also included in Category IV as Item IV-67-01.)

III-68-01 01/02/68 Westinghouse to EANCO, Incorporated

An unknown quantity of grams of enriched uranium, in the form of U-308 plated on aluminum cylinders, originally reported lost, was actually shipped to Connecticut Yankee Nuclear Power Plant. (Also included in Category IV as Item IV-68-01.)

III-68-02 01/03/68 New York University
New York, NY

A number of slugs, 3.6 kilograms natural uranium aluminum-clad slugs, out of a total inventory of 2,604 slugs, were found to be missing during a survey of Savannah River Operations Office.

III-68-03 01/29/68 National Lead Company
New York, NY

Two fuel plates, 3" x 37" x 15 mils, containing 53 grams of U-235 total, were reported missing from a relatively secure area. A search was conducted with negative results.

III-68-04 02/26/68 National Bureau of Standards
Washington DC

The loss of one 25-gram natural uranium oxide standard was reported. The standard was to have been sent to Brazil, but was lost before shipment.

III-68-05 06/24/68 - Battelle Memorial Institute
07/24/68 Columbus, OH

A subassembly, 208 grams of 93% enriched U-235 as UO₂ (unirradiated), was discovered missing during an AEC inspection. The missing subassembly was not found, but subsequent investigation indicated that it had been accidentally confused with an unfueled subassembly, which was to have been sent to Oak Ridge for burial as contaminated waste. The unfueled subassembly was found to have been stored and inventoried as a fueled subassembly since 1962.

III-68-06 06/27/68 Columbia University
07/16/68 New York, NY

One slug, 2 kilograms natural uranium as aluminum-clad slug, out of a total inventory of 1,440, was found missing during a physical inventory.

III-68-07 09/20/68 University of Florida
10/08/68 Tallahassee, FL

A container of reference samples (143 grams of 19.8% enriched uranium as aluminum alloy) was discovered missing during an inspection by the AEC. The University conducted an investigation. The missing samples were located in the console cabinet in the reactor building on October 8, 1968.

III-68-08 12/68 Nuclear Fuel Services
Erwin, TN

An excessive inventory difference occurred at Nuclear Fuel Services (NFS) and resulted in an investigation and a reinventory. The failure of NFS to bring the book inventory into agreement with the results of each physical inventory conducted from 1957-1968 is considered a contributing cause of the December 1968 inventory difference. However, there is no way to assign this difference solely to a reconciliation of the book and physical inventory, nor is there a basis for prorating the difference over the eleven-year period from 1957-1968. The primary causes of the excessive inventory difference were believed to be: (1) unmeasured effluent streams; (2) inaccurate measurements; and (3) an inadequate material control program. There was no conclusive evidence that a diversion of a significant amount of SSNM either did or did not take place.

III-69-01 02/05/69 Purdue University
Lafayette, IN

An automobile containing a total of 16 microcuries of iodine-125 in 25 kilograms of tagged soil samples was stolen. (Also included in Category IV as Item IV-69-01.)

III-69-02 03/69 Unknown location

Two metal foils (each 4 grams 93% enriched uranium) were reported missing and were subsequently located.

III-69-03 03/05/69 Goodyear Atomic Corporation, Portsmouth, OH, to
United Nuclear Corporation (UNC),
Hematite, MO

Goodyear Atomic (GAT) simultaneously shipped seven cylinders, via the same route, to two different destinations. It sent three cylinders to United Nuclear (UNC), Hematite, Montana, and four to Kerr-McGee, Oklahoma City, Oklahoma. All seven cylinders were off-loaded at St. Louis, to continue by truck. A cylinder intended for Kerr-McGee, in Oklahoma City, was left at St. Louis, instead of the subject of this discussion, a particular cylinder (X) intended for UNC (15.8 kilograms of U-235 as UF₆, 97% enriched). X cylinder was mistakenly sent to Oklahoma City, via Air Cargo Trucklines. When TWA personnel noticed the mistake, they arranged to exchange cylinders. X cylinder was placed on TWA Flight 70, for return to St. Louis on March 7. UNC was so notified. X cylinder had not arrived by March 12. A search found X cylinder in the TWA freight terminal in Boston, with its contents intact. X cylinder had not been off-loaded in St. Louis, but had continued on to JFK Airport in New York, where it had been transferred, with other equipment, for the continuation of Flight 70 to Boston. (Also included in Category IV-69-02.)

III-69-04 03/11/69 New York City to Frankfurt,
Federal Republic of Germany

A shipment of highly enriched uranium, booked for departure from New York's Kennedy International Airport for delivery to Frankfurt, Germany, on the afternoon of March 12, did not arrive as scheduled. On March 17, it turned up in London, where it had been apparently off-loaded in error. All seals intact. (Also included in Category IV as Item IV-69-03.)

III-69-05 04/04/69 Newark, NJ

The AEC was told that 41 vials of uranium metal packed in lead containers were for sale in the Newark area. The uranium had reportedly been stolen in transit. Apparently, the thieves had planned on stealing mercury, but had mistakenly taken radioactive material. AEC officials speculated that the material may have been mercury or uranium-contaminated mercury. (Also included in Category IV as Item IV-69-04.)

III-69-06 04/21/69 Nuclear Fuels Services (NFS)
West Valley, NY

An irradiated fuel assembly containing 6 kilograms of depleted uranium and 12.6 kilograms of plutonium was incorrectly transferred to the waste burial ground. There, it was encased in concrete and buried. The burial site was within the fenced area of NFS designated for this purpose.

III-69-07 06/69 Kulite Tungsten Company
Ridgefield, NJ

A cube of uranium metal, 1.25" square (.4141% enriched U-235), believed to have been stolen, was offered as a sample of a 100-pound cache available for sale. The cube, depleted uranium, may have been produced at the Kulite Tungsten Company.

III-69-08 06/08/69 B&W, Lynchburg, VA, to
Knolls Atomic Power Lab (KAPL), Schenectady, NY

A trailer truck was hijacked and then recovered within 24 hours. A Railway Express Agency crib was on the truck, with a manifest indicating two items of interest to the AEC: (1) 100 grams of U-235 and (2) a five-gallon drum containing one pound of radioactive material. These two items were missing from the crib. A check at KAPL indicated that they already had received both items. This meant that these items, still on the manifest, had not been on the truck when it was hijacked. The manifest incorrectly showed the two items as still being in the truck that was hijacked. (Also included in Category IV as Item IV-69-05.)

III-69-09 07/01/69 Massachusetts Institute of Technology (MIT)
Boston, MA

On July 1, 1969, MIT reported the loss of four depleted uranium plates weighing 2.45 kilograms and 20 grams of highly enriched uranium. After police questioned a suspect, these materials were subsequently found on a desk. MIT personnel believed that access to the material was probably gained through the use of an unauthorized MIT master key. From then on, material was stored in a lead safe. Locks on the door leading to the storage area and safe were no longer part of the Institute's master lock and key system. Locks leading to the reactor area were also changed. Prosecution was not sought because the FBI could not develop sufficient evidence of criminality.

III-69-10 07/11-12/69 Monsanto Research Corporation,
Dayton, OH, to Houston, TX

A shipment of a 15-gallon steel drum containing a plutonium-238 beryllium neutron source (4 curies of PU-238) encapsulated in a stainless steel capsule was in a truck that was stolen. The truck, with the source intact, was recovered the next day. There were no radiation exposures. (Also included in Category IV as Item IV-69-06.)

III-69-11 08/05/69 Naval Radiological Defense Laboratory
 09/04/69 (NRDL), San Francisco, CA, to
 ATOMCHEM, Plainview, NY

818.1 micrograms of plutonium-239 in two calibration sources never arrived at their destination. On September 4, the U.S. Border Patrol reported that some stolen material was in the vicinity of Montreal, Canada. An invoice which accompanied this material was later identified as that which accompanied the shipment. It was not known where the shipment was stolen, or whether its theft was incidental to a theft of other material. The individual who produced the invoice claimed the material was stolen from either JFK Airport or Newark, NJ. The calibration sources cost about \$500 and did not present any hazard of safeguards significance. (Also included in Category IV as Item IV-69-07.)

III-69-12 10/24/69 D. Douglas Laboratory

Three 10-gallon cans of nuclear batteries were lost in transit from Basil, Switzerland, to D. Douglas Laboratory. The four batteries included 167.8 curies of promethium-147, two batteries 6 grams of plutonium-238, and one battery 3.5 grams of plutonium-238. Four non-nuclear packages in the shipment were delivered. (Also included in Category IV as Item IV-69-08.)

III-70-01 04/16/70 General Atomics (GA)
 San Diego, CA

A Mexican truck driver, instructed to pick up a drum of acetone at GA, by mistake reported to a loading dock containing an empty acid drum (to be returned to a chemical supply company) and seven drums of waste (to be picked up for disposal). Four of these drums contained pickle acid, with a few grams of uranium. A GA employee misunderstood the Mexican's request (because of language problems). He thought the driver had come for the empty drum and pointed it out to the Mexican, who then went to get his truck. The driver, realizing that he was to get a full drum, left the empty and picked up one of the drums of waste acid. This was a 55-gallon drum with 5 to 7 grams of 70% enriched uranium, as a 0.00015M solution in waste pickle acid. By the time the mistake was realized and action taken, the truck was in Tijuana, Mexico. The material was returned to GA as soon as an import license could be obtained to bring it back across the border. (Also included in Category IV as Item IV-70-01.)

III-70-02 04/28/70 Eldorado Mining, Canada, to
 Westinghouse, Columbia, SC

A shipment of 100 kilograms UO₂ (natural), in one drum, cleared customs in Buffalo and then was not heard from until Westinghouse instituted a search for it on May 21. On May 21, the drum was delivered by truck to Columbia, South Carolina, from Charlotte, North Carolina. Cause of the delay was not known. (Also included in Category IV as Item IV-70-02.)

III-70-03 05/16/70 Kerr-McGee Corporation, Cimarron, OK, to
Goodyear Atomic Corporation, Portsmouth, OH

A shipment of 56.2 kilograms of uranium (93% enriched), in five drums, was due on May 19, but did not arrive. It was traced to an American Airlines (AA) terminal in Dallas and was finally found in an outdoor, outbound Motor Freight Storage area at the AA terminal in Dallas, on May 25, 1970. (AA at Dallas normally ships out drums only by truck.) There were five reasons for the delay in locating the shipment. (1) AA had not provided Protective Signature Service, as requested by Kerr-McGee. (2) Containers were incorrectly described as cartons on a computer-prepared "uniform airbill" -- AA employees at Dallas were thus looking for cartons. (3) a large backlog of freight had accumulated at the Dallas terminal because of a teamsters' strike. (4) Kerr-McGee did not have standard operations procedures for tracing overdue shipments. (5) Kerr-McGee personnel did not report failure of shipment to arrive until four or five days after they were aware it was overdue. (Also included in Category IV as Item IV-70-03.)

III-70-04 06/05/70 Drexel University
Philadelphia, PA

One natural uranium slug was reported missing, out of an original inventory of 1,382 slugs, when an assembly was being crated for shipment. 1,380 slugs were packed. Because of personnel changes at Drexel, this was not recognized as a shortage since current personnel were aware that a slug had been previously lost and paid for. They were not aware that the original inventory was 1,382 slugs. A search was conducted with negative results. (See III-67-03.)

III-70-05 06/15/70 United Nuclear Corporation (UNC)
New Haven, CT, from
United Nuclear Corporation, Hematite, MO

UNC, New Haven, Connecticut, received four samples (16.1 grams of U-235 enriched substrate material) from Hematite, Missouri, on June 1, 1970. The fifth sample was received on June 6. All five were signed for by the guard receiving them. However, laboratory personnel did not log them in. (New Haven, Connecticut) personnel realized that the samples were missing after a telephone call from UNCC Hematite, Missouri, on June 15. One of the containers used for the first shipment was found half filled with soap power in a washroom, where the janitor had put it after retrieving it (empty) from a waste basket in the chemistry laboratory. An extensive investigation was carried out with negative results.

III-70-06 09/16/70 Western Nuclear Mill
Jeffrey City, WY

Two drums (1,765.4 pounds of U_3O_8 in the 2 drums) out of nine were reported missing. A storage building was found unlocked. Material similar in appearance and assay to that reported missing was found delivered to a Salt Lake City bookstore. The yellowcake was confiscated.

III-70-01 09/23/70 New York University
New York, NY

One of 2,602 natural uranium slugs was reported missing.

III-71-01 02/16/71 Nuclear Materials Equipment Corporation (NUMEC)
Apollo, PA

Thirty-five pounds of depleted uranium and less than 3 grams of high enriched uranium were found in a NUMEC employee's home. The material was scrap and waste of no apparent use in weapons or nuclear research. The employee wanted the oak crate that was identified for disposal. He claimed he did not find the material until he got the crate home. He was afraid to return the material, so he hid it. The material was all recovered.

III-71-02 03/21/71 Shippingport Power Plant
Duquesne Light Company
Shippingport, PA

An unirradiated fuel rod containing natural uranium was reported missing from a display at the visitors building. The missing item contained natural uranium oxide pellets (134 grams).

III-71-03 04/27/71 Babcock & Wilcox Company (B&W)
Lynchburg, VA

B&W reported that a metallographic mount containing 1.6 grams of U-235 (97% enriched) could not be located. It was believed that the material was placed in a regular waste can and discarded.

III-71-04 05/28/71 General Electric Company
Vallecitos, CA

A loss of four pellets of $\text{PuO}_2\text{-UO}_2$ (Pu-mixed oxides -- fissile content .84 grams) was reported. It was suspected that these items had been disposed of in waste generated during the clean-up of a spill that occurred on May 11, 1971. On May 19, 1971, Nuclear Engineering personnel picked up the barrels of waste which apparently contained the four samples and took them to the burial grounds in Beatty, Nevada.

III-71-05 07/71 Westinghouse
Cheswick, PA

During a safeguards inspection in Switzerland, several fuel elements removed from NOK Unit 1 showed areas where the pin tubing was collapsed, indicating apparently missing fuel pellets. The NOK fuel was fabricated by Westinghouse-Cheswick and was placed in the core of NOK-1 in June 1969. The reactor was shut down in June 1971 for Core I unloading and subsequent fuel examination. Both Westinghouse and NOK officials reported that "several" pins were noted to have collapsed areas along the fuel area of the tubing, indicating areas

of apparently "missing" fuel pellets in the pins. The elements with these collapsed areas were not "leakers," as determined from the shipping operation, and were reloaded into Core II of NOK-1. This indicated that any "missing pellets" were missing at the time of fabrication, rather than missing as a result of erosion through a leak during operation.

III-71-06 08/31/71 General Atomics
Fuel Operations Laboratory
San Diego, CA

A platinum boat and several platinum crucibles were reported stolen. The crucibles had been decontaminated and the platinum boat cleaned in preparation for repairs. It was estimated that the maximum contamination on the crucibles was about 0.5 gram uranium (93% enriched) and 1.5 grams of thorium. 400 grams of platinum were subsequently recovered at the facility, and an arrest was made.

III-71-07 09/71 Howard University
Washington, DC

A slug consisting of 1.98 pounds of natural uranium was lost.

III-71-08 10/71 Brigham Young University
Salt Lake City, UT

In October 1971, unauthorized personnel at Brigham Young University inadvertently sold a radiation device (irradiator), still containing a radiation source, as scrap to a junk salvage yard in Provo, Utah. The device was the kind typically used for classroom or laboratory work by authorized personnel under an AEC license. The discovery that the device was missing was not made until September 1974, three years after it had been sold. University personnel located the device at the salvage yard in late September 1974. The radiation source was intact. No health or safety hazard was present. The device had not been moved from the time it arrived in October 1971, until its recovery in October 1974.

III-71-09 10/71 Hydro-Jet Services Incorporated
Texas

The president of the company reported that he had been offered \$50 thousand per month as a bribe for the use of his company's equipment in processing one-half million pounds of stolen yellowcake. An investigation did not disclose any stolen yellowcake or any clue to its existence. No inventory discrepancies were revealed.

III-72-01 04/11/72 Idaho Nuclear Corporation to
Atomics International (IA)
San Diego, CA

A capsule containing approximately 59 grams of plutonium was reported missing. The assembly, which was presumed to contain the capsule, had been returned to AI on January 20, 1970, from Idaho Nuclear

III-75-02 06/23/75 Anchorage, AK, to Houston, TX

On June 23, 1975, Schlumberger, Inc., Houston, Texas, reported that a truck shipment containing a sealed source, originating in Anchorage, Alaska, on June 5, 1975, in transit to Houston, was lost. The licensee located the sealed source on June 25, 1975, in a shipment delivered to another Houston consignee. The source was in custody of the licensee, undamaged. (Also included in Category IV as Item IV-75-02.)

III-75-03 07/31/75 Abbott Laboratories
New York, NY

Four packages of radiopharmaceuticals were stolen from a truck near Paramus, New Jersey. The packages contained in vitro bits of iodine-125, with a total activity of 140 millicuries. New York Police recovered the items and returned them to an Abbott representative in New York. (Also included in Category IV as Item IV-75-03.)

III-75-04 08/28/75 United Nuclear Corporation
Uncasville, CT

A missing laboratory control standard containing less than 10 grams of U-235 in oxide power form, maintained in a 30 milliliter bottle, was reported missing on August 28, 1975. The sample was last used on August 22, 1975. Licensee tests indicated that monitoring systems at the site would have detected an attempt to remove this amount of material. An extensive search was conducted with negative results.

III-75-05 10/24/75 Ladysmith, VA

Mallinckrodt Chemical Works, a radiopharmaceutical company, reported the loss of a package containing 10 iodine-131 diagnostic capsules (100 microcuries each). (Also included in Category IV as Item IV-75-04.)

III-76-01 08/04/76 Babcock & Wilcox Company
Apollo, PA

A woman in a bar mentioned "stuff stolen and brought to Pennsylvania." The FBI investigated and found that a janitor was removing maintenance gear. No SNM was involved.

III-76-02 09/10/76 New York City, NY

A 10-millicurie package of technetium-99 was missing from a stolen pharmaceutical truck. (Also included in Category IV as Item IV-76-02.)

III-76-03 11/04/76 Milton, MA

A stolen automobile had iron-55 and cobalt-57 sources in it. When the auto was recovered, the sources were missing from it. The origin of the sources was unknown. These isotopes do not require an NRC license. (Also included in Category IV as Item IV-76-03.)

- III-76-04 12/13/76 Bartlesville, OK
The Chief Nuclear Medicine Technologist signed a receipt letter for 100 microcuries of iodine-131, but did not verify the actual receipt. Subsequently, the material could not be located.
- III-76-05 12/13/76 Kansas City Nuclear Pharmacy, Incorporated
Fifteen capsules containing iodine-131 were stolen during a weekend burglary.
- III-76-06 12/13/76 TWA Terminal
Detroit, MI
Four sources of radioactive material were stolen, one of which (xenon-133) was NRC-licensed. The sources were with a shipment of valuable furs. Therefore, theft of the sources may have been incidental to the theft of the furs. (Also included in Category IV as Item IV-76-04.)
- III-UNK-01 Prior to 1977 Doctors' Memorial Hospital
Carbondale, IL
A one-millicurie cesium-137 calibration source and its lead storage container (unlocked, unlabeled) were missing from the isotope laboratory. The source was solid epoxy and cesium-137, inside a 30-milliliter glass vial, labeled "radioactive material." A radiation survey of the hospital did not find the source.
- III-UNK-02 Prior to 1977 Dresser Industries, Incorporated
Dresser-Atlas Division
Houston, TX
During well-logging operations, a four-curie americium-241 and beryllium source in a logging tool became lodged deep in an oil well near Cody, Wyoming. Recovery efforts were unsuccessful. The source was cemented in place. The well was marked as containing radioactive material.
- III-UNK-03 Prior to 1977 Amersham/Searle Corporation
Arlington Heights, IL
Two 500-millicurie promethium-147 sources, in cans clearly labeled "radioactive material," shipped via air from Amersham/Searle to the Columbia Scientific Industries, Inc., Austin, Texas, were not received. An investigation indicated that the shipment somehow was disposed of as normal trash by the air carrier and transferred to a landfill near Dallas, Texas. (Also included in Category IV as Item IV-UNK-01.)

III-UNK-04 Prior to 1977 Dresser Industries, Incorporated
Dresser-Atlas Division
Houston, TX

During well-logging operations, a one-curie cesium-137 source became lodged deep in an oil well in Major County, Oklahoma. Recovery operations were unsuccessful. The source was cemented in place.

III-UNK-05 Prior to 1977 Beatrice Foods Company
Chicago, IL

After extensive remodeling of the licensee's facility, a gas chromatograph with a 250-millicurie tritium foil could not be found. The licensee concluded that the device was disposed of via normal trash after renovation of the facility. The outer container of the gas chromatograph cell was labeled to indicate the presence of radioactive material.

III-UNK-06 Prior to 1977 U.S. Department of Commerce
National Bureau of Standards
Washington, DC

Two water samples with approximately 7 microcuries of tritium were reported lost during shipment to the Atomic Energy Research Establishment, Harwell, England. They were found several weeks later at the consignee's address. (Also included in Category IV as Item IV-UNK-02.)

III-UNK-07 Prior to 1977 Diamond Shamrock Chemical Company
Fairport Harbor, OH

In conducting a followup inspection in May 1980, on Diamond Shamrock's expired license, NRC asked about the disposition of any licensed material procured under the license. The licensee was unable to account for a Nuclear-Chicago Corporation gauge containing a sealed source of approximately 500 millicuries (as of September 1966) of cesium-137. The gauge was used by the company until the Fairport Harbor Plant was closed, about January 1977. Portions of the plant have since been sold, torn down and removed. Additionally, parts of the plant had been sold to a scrap dealer. A survey of the plant and scrap dealer's sites was made, but no gauge was found.

III-77-01 01/10-13/77 Cabell Huntington Hospital
Huntington, WV

On January 10, 1977, two packages of radioisotopes (200 millicuries of molybdenum-99/technetium-99--very unstable--in a generator and 2 millicuries of iodine-131 capsules) were discovered missing. On January 13, 1977, NRC personnel located and recovered the two packages from the city dump, despite diminished radiation.

- III-77-02 01/24/77 Ralph K. Davis Hospital
San Francisco, CA
- NRC was notified of the theft of a delivery van containing 3-4 curies of various radiopharmaceuticals (primarily technetium-99--very unstable--and iodine-123). The theft occurred at 4:30 a.m., in front of the hospital. (Also included in Category IV as Item IV-77-01.)
- III-77-03 02/25/77 Denver, CO
- After a ten-hour search, three stolen lead canisters of cesium-137 were recovered intact. The sources were on a pickup truck that had been stolen. (Also included in Category IV as Item IV-77-02.)
- III-77-04 03/29/77 Fairleigh Dickinson University
Teaneck, NJ
- A review of the university's account revealed one slug of natural uranium was missing.
- III-77-05 03/29/77 Massachusetts Institute of Technology
Boston, MA
- One slug of natural uranium was discovered missing.
- III-77-06 04/18/77 Pittsburgh Testing Laboratory
Pittsburgh, PA
- A radiographic projector was accidentally dropped into the Monogahela River. The 45-pound projector containing a 100-curie iridium-192 sealed source was locked, with the source in a safe position.
- III-77-07 05/18/77 St. Joseph Hospital
Kirkwood, MI
- A package containing 1.15 millicuries of iodine-131 in the form of one 1-millicurie capsule and ten nominal 15-microcurie capsules was stolen from St. Joseph Hospital during the evening.
- III-77-08 05/30/77 Millinckrodt, Incorporated
St. Louis, MO
- A box containing 2 millicuries of iodine-131 in less than 1 ounce of liquid was taken during a break-in at the carrier's warehouse in Kansas City. The quantity of iodine-131 was similar to quantities used for routine medical therapeutic administration.
- III-77-09 07/19/77 - AMF Tuboscope
08/16/77 Houston, TX
- A nominal 400-millicurie iridium-192 sealed source, reported missing by the licensee on July 19, 1977, was recovered on August 16, 1977. The source was found in the home of a former employee of a competing licensee. The motivation for the theft and how the source was obtained were not determined.

III-77-10 09/10-11/77 Rappahannock County, VA

Over the weekend, a Troxler soil density gauge containing 8 millicuries of cesium-137 and 50 millicuries of americium-241 was stolen from a Virginia Highway Department trailer in Rappahannock County.

III-77-11 09/14/77 Bethlehem Steel Corporation
Sparrows Point, MD

NRC was notified that a 5-millicurie cobalt-60 source was missing from a shipment of thirty-two 5-millicurie and forty-two 10-millicurie sources sent to Bethlehem Steel's Sparrows Point plant from New England Nuclear. It was reported that a cap was missing from one of the two lead pigs used for the shipment. A search was conducted with negative results. (Also included in Category IV as Item IV-77-04.)

III-77-12 10/10-11/77 Veteran's Administration Hospital
Cleveland, OH

The licensee reported a shipment containing 1.27 curies of technetium-99 (very unstable), received at 4:30 p.m. on October 10, 1977, was missing at the start of business October 11, 1977. The supplier verified that the package was delivered. The shipment was placed in a basement refrigerator assigned to the Nuclear Medicine Department. The room containing the refrigerator was appropriately locked when personnel arrived for work, but the package was missing. No other material was missing.

III-77-13 11/07/77 Stillwater Municipal Hospital
Stillwater, OK

The licensee reported that approximately 104 technetium-99 (very unstable) generators, in storage for one to three years, were missing. The generators were left in a locked room at the facilities formerly occupied by the hospital. The hospital moved to its present location in January 1976. Seven generator columns were found by police on November 7, 1977. The remaining generators were not recovered. The radiation hazard was minimal.

III-77-14 12/06/77 Veteran's Administration Hospital
Long Beach, CA

A nominal 100-millicurie strontium-90 ophthalmic applicator, scheduled for use, was discovered missing. The storage box was reported to be properly labeled and last seen and used on June 27, 1977.

III-78-05 02/25/78 Radiation Management Corporation
 Philadelphia, PA

At 5 a.m., the Pennsylvania State Police notified the licensee that a container labeled radioactive material, and bearing the licensee's name and address, had been found on the Schuylkill Expressway, just outside Philadelphia. The container was shipped from Zion Nuclear Power Station by Consolidated Freightways Corporation. The contents were identified as spent resin. (Also included in Category IV as Item IV-78-03.)

III-78-06 03/23/78 Kalamazoo, MI

During a Drug Enforcement Administration raid, authorities discovered 10 ounces of uranyl acetate, a licensed material. The possessor of the material claimed to be a research chemist who used the uranyl acetate for photo processing.

III-78-07 03/23/78 Capital X-Ray Service
 Tulsa, OK

A radiographic camera containing iridium-192 was either lost or stolen from Capital X-Ray Service. The camera was last checked out for use at 11 p.m., on March 22, 1978, and checked into storage before 7 a.m., on March 23, 1979. A day crew check disclosed the camera missing; however, controls for the camera were in the storage area.

III-78-08 05/16/78 Henry Ford Hospital
 Detroit, MI

Twenty-nine iridium-192 seeds were implanted in a patient. On removal of the seeds, only twenty-eight were found. Radiation surveys were performed on the patient, linens, dressings, laundry room, and trash with negative results. The iridium-192 seed probably was put in the hospital trash and buried in the Detroit City Dump.

III-78-09 06/30/78 Providence Hospital
 Holyoke, MA

At 2:30 a.m., an unknown person forcibly entered a truck while the driver was making a deliver at Providence Hospital and removed three molybdenum-99/technetium-99 nuclear medicine radioisotope generators. These generators contained 440, 440, and 220 millicuries of molybdenum-99/technetium-99, respectively. They were subsequently recovered intact. (Also included in Category IV as Item IV-78-04.)

III-78-10 07/18/78 Go Wireline Services
 Indiana, PA

A truck with two oil-well logging tools, each containing 250 millicuries of americium-241, was stolen from the licensee's locked building during the night.

III-78-11 08/08/78 Harvey, IL

At 8:30 p.m., youngsters observed an unidentified man throw a box into a creek. The youngsters found that the box contained vials marked with radioactive material labels, so they notified police. Six vials of technetium-99 were found. One was full, four were partially full, and one was broken and empty. Technetium-99 has a half life of about six hours. Surveys of the youngsters and creek showed no contamination. The vials had been shipped from a supplier on August 4, 1978.

III-78-12 8/24-25/78 Pittsburgh Testing Laboratory
Morgan City, LA

Two radiography devices were reported stolen from the Pittsburgh Testing Laboratory's locked storage vault. The devices (39 and 33 curies of iridium-192, respectively) were locked and labeled when stolen.

III-78-13 08/25/78 Medical Center of Vermont
Burlington, VT

A cesium-137 radiotherapy needle (2.6 millicuries) was reported missing. The needle was one of eight implanted in the mouth of a patient on August 22, 1978, and confirmed by an X-ray taken for purposes of dosimetry. When the radiotherapist removed the needles on August 25, 1978, he found only seven needles. The patient said that one of the needles had become dislodged, so he placed it on his bedside table without informing the staff. The needle was subsequently found in a sanitary landfill and returned to the hospital.

III-78-14 08/28/78 X-Ray Inspection Company
Lafayette, LA

NRC was notified by the Louisiana Radiation Control Division that a radiography source was lost offshore of Freeport, Texas, in 250 feet of water. The source, 35 curies of iridium-192, had a half-life of 75 days, and the depth of water over the source formed an effective shield. Attempts to recover the source were unsuccessful. A warning sign was posted on the platform to alert divers.

III-78-15 08/30/78 Rochelle Park, NJ

Cormet Forwarding, Inc., reported to the New Jersey State police that someone forcibly entered a Cormet truck between 12 a.m. and 2 a.m., in Rochelle Park, New Jersey. Two packages containing iodine-125, for delivery to Chilton Memorial Hospital, were removed. One package contained a total of 6 microcuries and the other 28 microcuries of iodine-125. Radiation levels at the surface of the shipping containers were less than 0.5 millicuries per hour. (Also included in Category IV as the Item IV-78-05.)

III-78-16 Late August 1978 Anheuser-Busch
St. Louis, MO

An Ohmart density gauge containing 50 millicuries of cesium-137 was reported lost. It had been stored in a warehouse from which it was discovered missing. The warehouse had been cleaned up in June 1978. Two scrap yards that had received scrap were searched with negative results. Since the gauge weighed 300 pounds, the scrap yard operators suggested that it might have been loaded onto a railroad car immediately upon receipt and sent to a steel mill. A hazard could have resulted only if someone tampered with the device and removed the source from the gauge.

III-78-17 09/07/78 University of Pennsylvania Hospital
Philadelphia, PA

A radiotherapy source containing 37 millicuries of cesium-137 could not be found. The source was one of two mounted in an applicator on September 5, for insertion into a patient on that date. It was discovered missing when the applicator was withdrawn. Measurements verified that the source was not in the patient. The licensee conducted an extensive search of the hospital with negative results.

III-78-18 09/13/78 Veterans Administration Hospital
Los Angeles, CA

A resident physician performing a source count discovered that three nylon-ribbon iridium-192 sources, each containing 7.5 millicuries, had been lost from the implantation site in the jaw of a patient. One of the source ribbons was promptly recovered from the patient's bed and reimplanted. The other two source ribbons apparently had been removed from the patient's room with the laundry or trash. Subsequently, a second ribbon source was recovered from the hospital laundry.

III-78-19 09/15/78 LeCoux & Company, Teaneck, NJ to
General Electric., Wilmington, NC

On September 12, 1978, LeCoux, a commercial analytical laboratory, shipped six containers of UO_2F_2 samples in solution to GE, Wilmington, via the United Parcel Service (UPS). Each of the five-gallon containers was weighed before shipment and once again upon acceptance by UPS. The containers were delivered to GE on September 14, but were not opened until September 15. At that time, employees discovered that a bottle of solution was missing from one of the containers. The missing bottle contained 315 grams of uranium and 8 grams of U-235 (2.54% enriched) in UO_2F_2 solution. The bottle was subsequently found. The container had been knocked off a UPS conveyor belt, and the bottle had fallen out. The bottle had been put back on the conveyor belt, but not back inside the container. An employee had noticed the bottle's radioactive label and had set the bottle aside for a whole day before he had told his supervisor about it. The bottle was then returned to LeCoux for verification. The sample did not present a significant public health hazard. (Also included in Category IV as Item IV-78-06.)

III-70-20 10/05/78 Chicago, IL

An individual recovered a cardboard package which fell off a truck near his home. When he opened the package, he found a 1.5-curie molybdenum-technetium generator. The radioactive material had decayed about 10 half-lives. No contamination of the package or individual was detected.

III-78-21 10/06/78 Greenfield, TN

An individual digging in his backyard discovered a bar of depleted uranium (.195% U-235). It was suspected that the material may have originated at a local firm that several years earlier had fabricated similar pieces for the Japanese.

III-78-22 10/25/78 United Nuclear Corporation (UNC)
Wood River Junction, RI,
to UNC, Montville, CT

A supposedly empty container was received by the Naval Products Division, Montville, Connecticut, from the UNC, Wood River Junction, Rhode Island, on October 21, 1978. When opened on October 25, a plastic box containing scrap which included 68 grams of highly enriched uranium was found. The shipping container was believed to have originally been shipped to Wood River Junction as part of a reject and scrap recovery contract. Internal material control and physical protection procedures at Wood River Junction should have detected the material in the container upon its removal from the process area material access area. (Also included in Category IV as Item IV-78-07.)

III-78-23 10/26/78 Abbott Laboratories
North Chicago, IL
to Moorhead General Hospital
Bastrop, LA

A shipment containing 310 microcuries of iodine-125 was not received by Moorhead General Hospital and was reported missing. The shipment, labeled Radioactive II, contained two vials of iodine-125 fibrinogen kits. (Also included in Category IV as Item IV-78-08.)

III-78-24 10/30/78 University of Iowa
Des Moines, IA

The licensee reported that two normal uranium slugs (government-owned), formerly used in subcritical experiments, were missing. The two slugs contained approximately 8.5 pounds of uranium. An inventory in 1978 had indicated 1,297 normal uranium slugs, but only 1,295 could be located. Theft or unlawful diversion was not suspected. The slugs probably had been misplaced while being used as a visual aid in teaching. The slug inventory is now maintained under lock and key.

III-78-25 12/11/78 Cleveland Airport
Cleveland, OH

A 40-millicurie xenon-133 shipment from New England Nuclear to Mount Sinai Hospital in Cleveland, reported missing on December 11, 1978, was found on December 14, 1978. It was found at the Cleveland Airport, underneath a wooden pallet in a freight cart used to haul cargo at the airport. The lead shield containing the two vials was intact, and no radiation exposures could have occurred. (Also included in Category IV as Item IV-78-10.)

III-78-26 12/16/78 General Atomic Company, CA, to
Romania

On December 15, 1978, General Atomic Company made the first of several shipments of fuel elements containing highly enriched uranium to Romania. The shipment was less than 5 kilograms and hence did not come under 10 CFR 73 shipment safeguards requirements. The packaging of the shipment at General Atomic was witnessed by NRC Region V inspectors. NRC seals were applied to each of the four drums in the shipment. The seals were checked by NRC Region I inspectors when the shipment arrived at New York's Kennedy Airport on December 16, 1978. All four seals were found broken. The broken seal wires were still in place in the seal holes of each drum. Based on his examination at Kennedy Airport, the NRC inspector decided that the contents of the containers had not been disturbed. Consequently, new seals were affixed to the drums -- without an inspection of the contents -- and the containers were exported. On January 5, 1979, the IAEA inspected the shipment and verified that the contents were as shipped from California.

III-79-01 01/25/79 Bryn Mawr Hospital
Bryn Mawr, PA

A package containing 28 millicuries of iodine-131 in two 14-millicurie therapy capsules was discovered missing. The package had been received at 3:30 a.m., but at 9:30 a.m., when personnel attempted to locate it, the package could not be found. A search was conducted with negative results.

III-79-02 01/29/79 Indiana University - Purdue
University at Indianapolis, IN

A package containing 10 millicuries of sodium iodine-125 (in solution) was discovered missing. The material had been received at 5:30 p.m., on January 16, 1979. A search of the facility and interviews with personnel were conducted with negative results.

III-79-03 01/29/79 General Electric
Wilmington, NC

At 11:45 A.M., the general manager of the facility informed NRC Region II that an extortion letter and a sample of UO₂ powder were found at his office door when he came to work. The letter stated that the writer had in his possession two 5-gallon containers of UO₂ powder, which he had stolen from the plant. The containers

III-79-08 03/29/79 Pittsburgh Testing Laboratory
New Orleans, LA

A pickup truck belonging to the laboratory was stolen between 6 a.m. and 7 a.m. from an employee who had picked up a moisture/density gauge at the lab and stopped at his residence. The gauge contained a nominal 8-millicurie cesium-137 source and a 40-millicurie americium-241 source. The sources were not in a locked condition, nor was the device in its normal wooden carrying case. The device was labelled "Caution, Radioactive Materials."

III-79-09 06/20/79 Isotope Measurements Laboratory, Incorporated
Northbrook Joliet, IL

An undamaged package containing 500 microcuries of technetium was found at the exit ramp at the intersection of Interstate-55 and Route 52, near Joliet, Illinois. It was reported and retrieved by the Illinois State Police. Surveys by a state trooper, who performed transportation radiation surveys under NRC/DOT contract, showed no contamination or leakage. Investigation revealed that the package was lost while enroute to a hospital in Morris, Illinois. The laboratory employee involved determined the package was lost, retraced his path, but did not locate it. He did not report the loss. (Also included in Category IV as Item IV-79-02).

III-79-10 07/09/79 Mallinckrodt, Incorporated
St. Louis, MO

A radioactive shipment, one of four boxes shipped on a commercial air carrier, did not reach its Charlotte, North Carolina, destination, as scheduled. The box contained sources with a total of 63 millicuries of iodine-131, 100 millicuries of molybdenum-99, and somewhat less than 2 millicuries of iodine-125. (Also included in Category IV as Item IV-79-03.)

III-79-11 07/25/79 Mallinckrodt, Incorporated
St. Louis, MO

A radioactive shipment (one of a total of seven boxes) containing a 500-millicurie molybdenum-99 generator was not received, as scheduled, by a hospital in Waterville, Maine. Reportedly, the shipping licensee transferred the seven boxes to a commercial air carrier, to be shipped to an intermediate consignee. The consignee received a shipment, signed for seven boxes, but claimed to have received only six. The six boxes were subsequently shipped to their destination. (Also included in Category IV as Item IV-79-06.)

III-79-12 08/09/79 Medical Delivery Services, Incorporated
New York, NY

Sometime between 3 a.m. and 5 a.m., four packages (two of which contained radiopharmaceuticals) were stolen from a delivery truck in New York City. The loss involved ten 100-microcurie iodine-131 capsules and 100 microcuries of iron-59, which were scheduled to be delivered to several New York City Hospitals.

- III-79-13 08/09/79 Medical Delivery Services, Incorporated
New York, NY
- An americium-241 static eliminator bar was found to be missing from its mounting. In its place, a polonium-210 static eliminator bar had been installed. The missing bar was 32 effective inches long and contained less than one (1) millicurie per effective inch. It is believed that the americium-241 bar was disposed of in a local trash dumpster and subsequently moved to a landfill area.
- III-79-14 08/30/79 M.V.P., Incorporated
Cape Girardeau, MO
- In conjunction with a financial dispute, a recently-dismissed employee refused to return to the licensee six moisture/density gauges, each containing 50 millicuries of americium-241. Retention of the gauges did not legally constitute a theft, so the local police referred the licensee to the NRC. Since an individual without an NRC license possessed licensed material, NRC personnel took steps to recover the gauges.
- III-79-15 10/20/79 Ft. Lauderdale Airport
Ft. Lauderdale, FL
- At 3 a.m., three boxes of pharmaceuticals (two of which contained radioactive material) were stolen from an airport freight dock. The material included some 14 vials of iodine-131. The boxes and all radioactive material were later found along the side of a road one mile from the airport.
- III-79-16 11/9-10/79 Northwestern University
Evanston, IL
- During a demonstration open house at the nuclear engineering facility of the Technical Institute, a 0.7 microcurie cesium-137 standard reference plastic sealed source was stolen.
- III-79-17 11/11/79 St. Margaret's Hospital
Spring Valley, IL
- Seven partially decayed molybdenum-99/technetium-99 (very unstable) generators were found missing from a storage room at the hospital. Investigation revealed that they had been removed by a courier when he delivered a new generator.
- III-79-18 11/29/79 Eastern Testing and Inspection, Incorporated
Pennsauken, NJ
- A shielded radiography device containing 55 curies of iridium-192 was found missing from the back of a truck used to transport the device from a work site to the licensee's facility. (Also included in Category IV as Item IV-79-11).

III-79-19 12/10/79 Rockford Memorial Hospital
Rockford, IL

Twelve iridium-192 seeds (containing a total of 4.5 millicuries) used in surgical implants were reported missing from the Rockford Memorial Hospital. It was originally believed that the loss occurred between December 8 and 10, 1979; however, subsequent investigation revealed that the loss occurred sometime between December 1 and 3, 1979. After surveys by Federal and State officials using radiation detection instruments, fifteen seeds (apparently not from among the twelve that were reported missing) were located. The licensee was immediately ordered to stop the use of iridium-192 seeds until a procedure was developed to ensure effective control over all sources and a physical inventory was conducted to account for all seeds received since January 1976.

III-79-20 12/13/79 HITCO
Offshore Drilling Platform
Louisiana

The Louisiana State Government reported that a radiography device containing 48 curies of iridium-192 was lost overboard from a drilling platform 75 miles offshore, in water 180 feet deep. The device was subsequently recovered by a team of divers on December 28, 1979.

III-79-21 12/31/79 Derby Refinery Company
Kansas

An Ohmart Model Lab -234-(S)-B gauge containing between 2-4 millicuries of cobalt-60 was lost when it became dislodged and dropped into a boxcar that was being loaded. The lost gauge was subsequently recovered in Port Arthur, Texas.

III-80-01 01/04/80 Indianapolis, IN

At 10 p.m., a radiographic camera containing a 35-curie iridium source was stolen from a radiography vehicle which was parked near a job site. The truck was locked and was forcibly entered. The camera was also locked. As a result of an anonymous tip, the camera was located and retrieved.

III-80-02 01/17/80 Providence Hospital
Anchorage, AK

Ten iridium-192 seeds of approximately 0.3 millicuries each could not be accounted for during an inventory. A subsequent survey located the seeds.

III-80-03 01/30/80 Dow Chemical Company
Midland, MI

A gauge containing a four millicurie cesium-137 source was reported lost. The gauge was last seen in a building that subsequently was demolished.

III-80-04 02/06/80 Glen Ellyn, IL

A package marked with a radioactive symbol was found in a telephone booth. An NRC inspector was dispatched to survey and inspect the package. No radiation readings above background were observed. Subsequently, the licensee retrieved the package. The seal was intact, with no evidence of tampering. The package contained 4 vials of technetium-99, with a total of 219 millicuries.

III-80-05 02/26/80 Wayne State University
Detroit, MI

A 20-millicurie shipment of phosphorous-32 orthophosphate from Amersham, Incorporated, to the university was found missing. The shipment was apparently delivered, but a search did not find it. (Also included in Category IV as Item IV-80-01).

III-80-06 03/04/80 St. Luke's Hospital
Kansas City, MO

The licensee reported that two kits, each containing 10 microcuries of iodine-125, had been ordered and apparently delivered to the hospital's warehouse. Only one kit was delivered to the hospital's laboratory. Possibly the second kit either remained in the warehouse or fell off the delivery cart and was discarded. A search was conducted with negative results.

III-80-07 03/13/80 Chicago Area, IL

An NRC official received a telephone call from an unidentified individual who alleged he had some radium-226 that he wished to dispose of. He said he had gotten the radium from a friend, but now feared the radiation he might be receiving. He identified the radiation symbol on the device containing the alleged radium and said he believed the device contained 20 curies of radium. He agreed to place the device in a local telephone booth, call the NRC official, and tell him the location.

Subsequently, the individual made two more calls. He said his friend had measured the device with a Geiger counter and had gotten a measurement of 60 millirems/hr. He said that his friend worked around medical equipment and had stolen the radium. The caller was going to drop the matter because his friend had agreed to take the material back. The caller said he lived in the Chicago area, but did not reveal name or address. On the same day, an individual phoned the Radiation Safety Office (RSO) at the Indiana University Medical Center in Indianapolis, and asked the RSO to describe a radium needle and the likely radiation levels around such a needle. He then said he was handed a case of radium needles in a gas station in southern Indianapolis. He said he had called the NRC and was going to leave the case in a gas station in Indianapolis. This event was suspected to be a hoax.

III-80-08 03/14/80 Providence Hospital
Anchorage, AK

A 0.6-millicurie iridium-192 seed was reported missing when an interstitial implant was removed. The seed was subsequently found in the restricted area of the radioisotope storage room.

III-80-09 03/18/80 Winchester, MA

An individual contacted NRC and said he had picked up a "gamma sample changer" from a trash compacter and was concerned that it might be contaminated with radioactive material. On March 19, 1980, the individual's home was surveyed. While no loose radioactive material was found, an unlabeled sealed source reading 11 millirem per hour was found in a shielded portion of the equipment. NRC arranged for the disposal of the equipment.

III-80-10 03/18/80 Clark Oil Refining
Hartford, IL

An Ohmart source holder containing a 25-millicurie cobalt-60 sealed source became detached and fell into a coke hopper at the licensee's coke production facility. The licensee determined that the source was probably located in a large pile of coke in the yard, on one of two barges heading toward Chicago or one of three freight cars heading toward Shawinigan, Quebec.

III-80-11 03/28/80 Pittsburgh, PA

At 8:30 a.m., a representative of Troxler Electronic Laboratories discovered that his car had been broken into and a Model 3205 Troxler moisture/density gauge containing 40 millicuries of americium-241 was stolen.

III-80-12 03/31/80 Information Technology Incorporated
Needham, MA

It was reported that a vial containing 65 microcuries of xenon-133 had been inadvertently included in a carton containing computer parts. The licensed owner of the vial retrieved it.

III-80-13 04/80 Brunswick
Carolina Power & Light Company
Brunswick County, NC

An NRC inspector, performing an independent radiation survey of the county landfill, identified a bucket of radioactive trash buried two feet deep. The material appeared to have originated at the licensee's facility. The material was returned to the site, and all shipments off-site were stopped, pending reevaluation of management controls and NRC approval. Subsequently, three additional areas in the same landfill and two off-site scrap dealers were surveyed, and additional contaminated waste was identified.

III-80-14 04/6-7/80 Utah and Wyoming

A radiographer reported that a 45-curie iridium-192 source was found missing from his truck at 9 a.m. in Evanston, Wyoming. An exposure device containing the source had previously been secured by padlock in a steel box in the truck darkroom at 8 p.m., on April 6, 1980, in Salt Lake City, Utah. No evidence of forced entry existed, although the padlock and source were missing.

III-80-15 04/14/80 New England Deaconess Hospital
Boston, MA

When implanting plastic ribbons containing iridium-192 seeds into a patient, one ribbon, previously known to have been in the storage container, was missing. The ribbon contained 12 seeds, totalling 8.8 millicuries.

III-80-16 04/16/80 Minneapolis-St. Paul, MN

A package from Mallinckrodt, Incorporated, St. Louis, Missouri, was lost. The delivery truck had been driven 2 to 3 miles, when the driver noticed the rear door of the van ajar. He inventoried everything and found the Mallinckrodt package missing. The package contained 250 microcuries of chromium-51. (See also Category IV, Item IV-80-02).

III-80-17 04/25/80 O'Sullivan Company
Lebanor, PA

A gauge containing radioactive material inside a steel drum was found on company property. There were no labels indicating the manufacturer, material type, or owner of the gauge.

III-80-18 05/09/80 Methodist Medical Center of Illinois
Peoria, IL

Five 0.5-0.6-millicurie iridium-192 implant seeds were reported missing. The seeds were part of a set of 70 seeds removed from a patient on May 8, 1980. An extensive survey and search were conducted with negative results.

III-80-19 05/16/80 Kay-Ray Incorporated
Arlington Heights, IL

A 10-millicurie cesium-137 source in a gauge source head was reported stolen. The licensee put 24 freshly painted gauge source heads on pallets outside the door of the factory building to dry. When they were finished drying, one was missing. Access to the area was unrestricted.

III-80-20 05/17/80 Crystal River
Florida Power Corporation
Citrus County, FL

Out of ten bags of trash believed to be clean noncontaminated waste, one contained radioactive material (4 millirem per hour). The bag was incorrectly disposed of at the licensee's on-site clean waste dump and subsequently retrieved.

III-80-21 07/01/80 Hamilton, OH

An individual found a container with radioactive markings on the side of a road south of Hamilton, Ohio. Labels on the container stated "25 lbs. Depleted Uranium - 100 Curies Iridium-192, Serial #1996 - February 1980 - Nuclear Systems, Inc. - Industrial Nuclear Co." He took it home. A radiological assistance team was sent to his home to get the container. It had a radiographic camera, in good condition, in it. Chance of significant exposure was unlikely. At 3 a.m., on July 2, 1980, the NRC was subsequently notified that a radiographic device with an iridium-192 source and serial #1996 was reported lost.

III-80-22 07/09/80 Paterson, NJ

A physician reported that a package containing 4.4 millicuries of iodine-131 had been stolen from his unlocked automobile, parked in his garage. The package was taken sometime between 7:30 p.m., on July 9, 1980, and 9 a.m., on July 10, 1980. The physician stated that he was transporting the package between office locations.

III-80-23 07/10/80 Pfizer, Incorporated
East St. Louis, IL

A level gauge containing a cesium-137 source with about 8 millicuries was discovered missing during a routine plant inventory. The gauge, inoperable for two years, with the shutter left closed, was last seen in its proper place in February 1980. It was unknown if it was stolen, misplaced, or accidentally discarded.

III-80-24 07/11/80 Quad Cities 1
Commonwealth Edison Company
Whiteside County, IL

At 10:05 p.m., after an inventory of fission counters, the inspector on-site was notified of the apparent loss of a fission counter containing approximately 1.9 grams of U-235. Searches were conducted with negative results. The licensee thought that the lost fission counter may have been inadvertently disposed of as trash.

III-80-25 07/16/80 Pharmatopes, Incorporated
Chicago, IL

A briefcase containing byproduct material delivered to a hospital between 6 and 6:30 a.m. was inadvertently taken from the premises between the time of delivery and 7:55 a.m. It was suspected that the missing briefcase was mistakenly exchanged for a similar one by another nuclear pharmacy firm. The hospital had recently changed nuclear pharmacy suppliers. (See next entry.)

III-80-26 07/29/80 Pharmatopes, Incorporated
Oak Park, MI

A 100-millicurie dose of technetium-99 (highly unstable) in a lead container was lost in the parking lot of the Detroit Central Hospital. A delivery driver had attempted to deliver the source, but found the Nuclear Medicine Department closed. The driver returned to the car, accidentally dropped the car keys to the ground, and placed the container with the dose on the bumper of the car. The driver then picked up the keys and drove away, forgetting about the container on the bumper. The loss was not reported by the driver for several hours because of fear of the consequences. (Also included in Category IV as Item IV-80-04.)

III-80-27 08/15/80 Pori, Incorporated
Cleveland, OH

While conducting an inventory in March 1980, an 89-millicurie cesium-137 sealed source gauge was discovered missing. The licensee stated that a timely report was not made because personnel did not know of the requirement. A search of the plant was conducted with negative results.

III-80-28 08/31/80 De Paul Hospital
Cheyenne, WY

An 880-millicurie technetium-99 (highly unstable) generator was delivered to the licensee and left in the corridor near the Nuclear Medicine Department. The generator was inadvertently discarded in the hospital's trash by the janitor. A search through the municipal dump was conducted with negative results.

III-80-29 09/04/80 Caspersen, Incorporated
Glencoe, IL

A spent molybdenum-99/technetium-99 (highly unstable) generator was stolen while it was stored in a garage on the northwest side of Chicago.

III-80-30 09/19/80 Hamwood, NJ

As a result of a complaint, licensed radioactive material consisting of eleven molybdenum-99/technetium-99 (highly unstable) generators was found on the driveway of a private residence. Lead shielding

III-80-36 11/12/80 Minnesota Mining and Manufacturing Company (3M)
St. Paul, MN

A package containing ten 12.5-millicurie cesium-137 sealed sources (human applicator capsules) was lost in transit between the 3M Distributing Center in St. Paul, Minnesota, and the University of Korea in Seoul, Korea. The package was shipped in February 1979. In September 1979, 3M was notified that the package had not been received. The material was traced by 3M with negative results. (Also included in Category IV as Item IV-80-08.)

III-80-37 11/25/80 United States Testing Company
Reading, PA

At 6 a.m., a truck containing 40 curies of iridium-192 in a radiographic exposure device was stolen. The device was in an overpack and secured to the truck by a chain. At 2:30 p.m., the truck and exposure device were recovered. The device was examined, and no tampering had taken place. (Also included in Category IV as Item IV-80-09.)

III-80-38 12/07/80 Mallinckrodt, Incorporated
St. Louis, MO

A 3-curie technetium generator was lost enroute from St. Louis, Missouri, to the University of Texas Medical Branch in Galveston. The paperwork was received, but not the package. An extensive search was conducted with negative results. (Also included in Category IV as Item IV-80-10.)

III-80-39 12/15/80 Good Samaritan Hospital
Lebanon, PA

At 2 a.m., the licensee received a shipment of licensed material which was secured in the Nuclear Medicine Department. At 8 a.m., nuclear medicine personnel noted that 10 millicuries of xenon-133 were not present. The material was verified to have been delivered and signed for. A search found the package intact in a waste compactor.

III-81-01 01/03/81 Industrial Inspection Industries, Incorporated
North Canton, OH

A truck containing a radiographic camera was stolen sometime between 1 p.m., on January 2, 1981, and 7 a.m., on January 3, 1981. The truck was parked overnight at the radiographer's home. The camera contained a 29-curie iridium-192 source.

III-81-02 02/13/81 Boise Cascade
Rumford, ME

A radiation safety officer discovered that a thickness gauge containing 17 millicuries of cesium-137 was missing. The gauge had

III-81-09 11/23/81 Testing Engineers and Consultants, Incorporated
Troy, MI

At 1 a.m., a vehicle containing a Trooler Model 3400 moisture/density gauge (containing 8.0 mCi of cesium-137 and 40.0 mCi of americium-241) was stolen from a testing site in the Detroit, Michigan area.

III-82-01 01/05/82 Salisbury Engineering, Incorporated
Griffith, IN

Between 5 p.m. and 7:30 p.m., a soil moisture/density gauge containing 10 millicuries of cesium-137 and 50 millicuries of americium-241 was stolen from a licensee's vehicle, parked at a shopping center. On May 13, 1986, a container measuring 2' x 2' x 4', marked "Radioactive Material" and "CPN CORP," was found in East Chicago. By cross-checking the serial number with the manufacturer (CNP), it was determined to be the device stolen on January 1, 1982.

III-82-02 01/18/82 United States Priority Transport Corporation
Long Island, NY

At 2:45 p.m., in Boston Massachusetts, a vehicle carrying licensed radioactive material was stolen. The vehicle carried 1.33 curies of molybdenum-99/technetium-99 (highly unstable), an unspecified amount of iodine-131, and other radioactive materials. All packages containing radioactive materials were appropriately labeled. The truck, with radioactive materials intact, was recovered at 8:18 p.m., the same day. (Also included in Category IV as Item IV-82-01.)

III-82-03 02/18/82 Fairfield, CA

NRC was notified that a yellow container containing a radioactive calibration source was found on Highway I-80 near Fairfield, California.

III-82-04 03/23/82 G. D. Searle and Company
Chicago, IL

While conducting an inventory in early March, a detector cell containing a 10-millicurie nickel-63 foil was found missing. After a search, the licensee concluded that the cell may have been discarded as trash when the office in which it was stored was cleaned in preparation for a new occupant.

III-82-05 03/30/82 Cardinal Cushing General Hospital
Brockton, MA

The licensee reported that a 6-millicurie iodine-131 capsule was missing from the Nuclear Medicine Department. After a search, the licensee concluded that the capsule, in a lead-shielded container, was inadvertently discarded in the normal trash. The trash was removed from the hospital and buried at a landfill.

III-82-06 03/30/82 Southwest X-Ray Corporation
Kermit, TX

During the night, a licensee's truck containing an 11.5-curie iridium source was stolen from an apartment parking lot in Rock Springs, Wyoming. On April 1, 1982, the wrecked truck was found outside Rock Springs. The source remained in the transport box, which was undamaged and locked.

III-82-07 04/28/82 EG&G - Ortec
Oak Ridge, TN

The State of Tennessee informed NRC that a licensee had lost a beta calibration source. The device was shipped as checked baggage with a commercial airline. It did not pose a hazard to those handling it.

III-82-08 05/18/82 Stan A. Huber Consultants, Incorporated
New Lenox, IL

Between 6:30 and 7 p.m., a box of five sealed calibration sources was stolen from a medical consultant's car in the Mount Sinai Medical Center parking lot in Chicago. The sources contained 198 microcuries of cesium-137, 25 microcuries of cobalt-60, 139 microcuries of cobalt-57, 2.01 millicuries of cobalt-57, and 220 microcuries of barium-133. Each vial was encased by lead shielding.

III-82-09 05/28/82 Hydrotonics, Incorporated
Salt Lake City, UT

At 12:30 p.m., a moisture/density gauge containing 50 millicuries of cesium-137 and 50 millicuries of americium-241 was stolen. The police found the device the next day.

III-82-10 06/10/82 Amersham Corporation
Arlington Heights, IL
to Troxler, Incorporated
Research Triangle Park, NC

Five sealed sources packed in one container were found missing on a shipment from Amersham Corporation in Arlington Heights, Illinois. Each source contained 300 millicuries of americium-beryllium. (Also included in Category IV as Item IV-82-02.)

III-82-11 06/19/82 Intec Inspection, Incorporated
Tulsa, OK

Between 12:30 a.m. and 7:30 a.m., a licensee vehicle carrying a radiography camera containing 82 curies of iridium-192 was stolen. The vehicle was found at 12:30 p.m., the same day. The camera was still locked and did not appear damaged.

III-82-12 06/21/82 Neyer, Tisco, and Hindo, Ltd.
Farmington Hills, MI

Between 1 p.m., on June 20, 1982, and 6:00 a.m., on June 21, 1982, a truck containing a soil moisture/density gauge was stolen. The device contained 8 millicuries of cesium-137 and 40 millicuries of americium-241.

III-82-13 07/1-14/82 St. Elizabeth Medical Center
Dayton, OH

During the first or second week in July, a physicist discovered that 48 iridium-192 seeds, removed from a patient on June 5, 1982, were missing. The seeds totaled 40.42 mCi on June 2, 1982, and were incorporated into six ribbons. The radiation therapist was notified. Searches were conducted with negative results.

III-82-14 07/29/82 U.S. Bureau of Mines
Boulder City, NV

Uranium samples were stolen from an educational display case at the Bureau of Mines Laboratory. Among them was a 400- or 500-gram sample of high-purity depleted uranium in crystalline form.

III-82-15 08/03/82 Bothwell Memorial Hospital
Sedalia, MO

Between 4:30 and 6:30 p.m., a briefcase containing three sealed calibration sources was stolen from a car which belonged to a consultant from Nuclear Medicine Associates, Incorporated, from Cleveland, Ohio. The car was parked in the hospital parking lot. The sources were New England Nuclear Type E vials and contained 200 microcuries of cesium-137, 960 microcuries of cobalt-60, and 200 microcuries of radium-226. They were all epoxy-encapsulated and encased by a lead shielding. The briefcase was not labeled, but each source was labeled "Caution-Radioactive Material." The State of Missouri and the local police department were notified.

III-82-16 09/25/82 McGinnis Mine
Sydney, KY

A 100-millicurie cesium-137 logging source was discovered missing from a coal mine in Sydney, Kentucky. When a search did not locate the source, a 100-car train, being loaded when the source was discovered missing, was searched. The source was not found.

III-82-17 09/26/82 Unknown
Cleveland, OH

Two private citizens found a lead container marked "Radioactive Material." Evaluation of the container at St. Vincent's Charity Hospital identified it as one that had been used for transporting a radiopharmaceutical. It was free from radioactive contamination.

The local police found the owner. She claimed she had obtained the vial from a hospital's waste, affixed her own "Radioactive Material" label, and placed it inside her car to discourage theft.

III-82-18 10/11/82 Short-Elliott-Hendrickson, Incorporated
Chippewa Falls, WI

A Troxler soil moisture/density gauge was reported stolen from a construction site in Ashland, Wisconsin. The gauge containing sealed sources of cesium-137 (10 mCi) and americium-241 (50 mCi), was stolen from a locked construction trailer. The local police were notified. Searches were conducted with negative results.

III-82-19 10/29/82 Agreement State License
Florida Department of Transportation

A Troxler moisture/density gauge was reported stolen sometime over the weekend of October 29-31, 1982. The device was padlocked at a temporary location at Davie, Florida. Local authorities investigated the theft.

III-82-20 11/16/82 Unknown
Washington, DC

Two teenagers found a small lead pig labeled "New England Nuclear" in a gutter. The students found it contained a vial of liquid labeled "5 millicuries chromium-51." They apparently handled the vial a short time and then placed it in a school locker. An NIH radiation safety officer surveyed the pig, vial, and persons who handled it, and found no removable contamination. The vial was left in the custody of the DC Bureau of Occupational and Institutional Hygiene.

III-82-21 11/17/82 Westinghouse
Columbia, SC

During a semiannual inventory, the licensee discovered an inventory discrepancy. The physical inventory was performed using a new computerized item control technique and identified 50 unaccounted for rods, of which half were coded as defective. The licensee believes they were processed as scrap because of an inventory gain of uranium in the salvage area, as well as the discovery of seven labels from the defective and unaccounted for fuel rods in this same area.

III-82-22 12/14/82 D'Appolonia Group
Export, PA

A truck containing a moisture/density gauge holding either a 9-millicurie cesium-137 source or a 9-millicurie cesium-137 source and a 40-millicurie americium-241-beryllium source was stolen from the parking lot in Monroeville, Pennsylvania. The gauge included

shielding and did not present a risk to the public unless the sources were removed from the shielding. The truck was recovered, but the gauge is still missing. (Also included in Category IV as Item IV-82-03.)

III-83-01 01/25/83 Metcor, Incorporated
Fairfield, NJ

A Metcor contractor carrier driver transporting three packages of licensed material from Newark airport to the main office in Fairfield, New Jersey, developed a flat tire. The driver stopped on McCarten Highway in Newark to change the tire. To reach the spare-tire space, he had to unload the licensed material from the van. While he was changing the tire, the three packages were stolen. One package contained 1 millicurie of sulfur-35; the second, 0.5 millicuries of phosphorus-32; and the third, a small but unknown amount of phosphorus-32. The contents were clearly labelled. State of New Jersey officials found the sulfur-35 package in the possession of a citizen. The outer package was opened, but the can contained inside was unopened. There was no contamination on the can, package, or citizen. The other packages were not recovered (Also included in Category IV as Item IV-83-02.)

III-83-02 02/10/83 Standard Oil Company
Amcco Research Center
Naperville, IL

The licensee discovered that a Kay-Ray Model 7052 level-indicator source holder containing a 10-millicurie cesium-137 sealed source was missing. The locked and labeled unit that had been attached to a vessel in the research and development building had been removed by the licensee and stored in a wooden box, while the area was being renovated. The licensee began an investigation into the disappearance on February 28, 1983. The NRC Region III was informed that the source and holder had been stolen.

III-83-03 02/13/83 Naval Regional Medical Center
Camp Pendelton, CA

A molybdenum-99/technetium-99 (highly unstable) generator containing approximately 880 millicuries of radioactive material, which was to be delivered on February 13, 1983, was not received. Contact with the supplier, Nuclear Pharmacy, Inc., San Diego, California, indicated that the generator was later delivered to the Naval Regional Medical Center. (Also included in Category IV as Item IV-83-03.)

III-83-04 02/12/83 Trolxer Electronic Laboratories
Research Triangle Park, NC

Between 11:30 p.m., on February 21, 1983, and 8 a.m., on February 22, 1983, three gauges were stolen from a station wagon parked outside the Holiday Inn in King of Prussia, Pennsylvania. The Troxler sealed

source contents were: 300 millicuries americium-241-beryllium; 40 millicuries americium - 241-beryllium and 8 millicuries cesium-137; and 40 millicuries americium-241-beryllium. The gauges did not present a hazard to the public unless the sources were removed from the shielded, locked device. The local police department was notified.

III-83-05 03/02/83 Unknown
Philadelphia, PA

Two police officers brought two 1.5-curie molybdenum-99/technetium-99 (highly unstable) generators to the Misericordia Hospital in Philadelphia. They had discovered the generators behind a nearby Philadelphia residence. A hospital staff survey indicated surface readings of less than 50 milliroentgens per hour. No contamination was detected on the officers. The generators were stored at Misericordia Hospital.

III-83-06 04/15/83 Rabbit Transit Company
Memphis, TN

Mississippi authorities were notified that some radiopharmaceuticals were found missing from a can belonging to Rabbit Transit Company of Memphis, Tennessee, after the vehicle apparently ran off State Highway 35. The driver reported that the materials were apparently stolen while he was away seeking a wrecker. Thirty millicuries of xenon-133, 15 millicuries of gallium-67, 20 capsules of iodine-123, and 3 thallium-201 sources were missing. They were being shipped from New England Nuclear and Metaphysics Inc. to Nuclear Pharmacy and Baptist Hospital in Jackson, Mississippi, and to Jeff Anderson Hospital, Meridian, Mississippi. (Also included in Category IV as Item IV-83-04.)

III-83-07 4/21/83 Private Citizen
Pontiac, MI

NRC Region III was informed that an individual at a Rock Mineral Club meeting in Ann Arbor, Michigan, had a piece of rock believed to be part of the waste from a research reactor decommissioned in St. Louis, Missouri, ten years ago. A Region III inspector performed radiation level measurements near the shed where the rock was stored. No radiation was found.

III-83-08 05/04/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

The licensee notified the NRC Region V office that a 100-microcurie cesium-137 check source was missing. This check source was part of Monitor rhenium-22, Gas Decay Tank Discharge Monitor, and was used for the monitor operability test. The check source was last known to be in place at 4 a.m., on the morning of May 4, 1983. On September 16, 1983, the licensee found the missing check source on the 85-ft level of the auxiliary building. The source had been placed inside a sheet rock wall by unknown persons. Fuel present at site.

III-83-09 05/14/84 University Hospital of Cleveland
Cleveland, OH

The licensee discovered that a 50-millicurie cesium-137 seed was missing. It was last seen on May 14, 1983, when it was removed from a patient, inventoried, and placed in a storage safe. A search was conducted with negative results.

III-83-10 06/01/83 License of M.D.
Paterson, NJ

NRC Region I personnel received a report from the licensee that a 225-microcurie barium-133 source had been lost. The licensee did not know how the source was lost. The source was last leak-tested on November 2, 1982. The lead "pig" in which the source was normally stored was also missing, and it was possible that the source was still shielded within.

III-83-11 06/04/83 Fletcher Street
Philadelphia, PA

It was reported to NRC Region I that five children in Philadelphia had played with vials labeled "Radioactive Material." St. Christopher's Hospital, where the children were taken, requested assistance in determining whether the children were contaminated. A Region I inspector surveyed the children and their clothing and found no radioactive contamination. A vacant lot was searched and surveyed. No radiation was detected. A one-gallon can containing small vials of iodine-125, each labeled less than 0.1 microcuries, was discovered. It appeared that the vials were at least eight years old.

III-83-12 07/19/83 Amersham Corporation
Arlington Heights, IL

The licensee reported that a shipment of 50,000 sealed capsules of americium-241 destined for Hong Kong did not arrive on schedule. The licensee placed a tracer on the shipment which was found in a warehouse in Japan. The Japanese were holding the shipment for procedural reasons. (Also included as Item-83-05).

III-83-13 07/20/83 Professional Service Industries, Incorporated
Oak Brook, IL

The licensee notified the NRC Region III office that they had presumed a moisture/density gauge containing 7.8 millicuries of cesium-137 and 40 millicuries of americium-241 was lost. Two NRC inspectors immediately went to the facility where they learned that the gauge had been found in the possession of an unauthorized part-time employee.

III-83-14 08/26/83 Kay Ray, Incorporated
Arlington Heights, IL

The licensee, whose NRC license was suspended on August 15, 1983, informed Region III that a 100-millicurie cesium-137 sealed source was missing. Firm personnel also reported that they had located a 50-millicurie cesium-137 sealed source that had not been previously accounted for. A radiological survey in and around the facility revealed areas of previously unknown cesium-137 contamination (not exceeding Part 20 restrictions). NRC imposed a civil penalty on the firm for poor inventory management procedures.

III-83-15 09/09/83 Miller Brewing Company
Milwaukee, WI

During inventory, the licensee was unable to locate a generally licensed gauge containing 100 millicuries of americium-241. Apparently, the licensee could not find it because of the facility's large size and numerous filling vats and vessels where the gauge was used. The licensee found the gauge about three weeks later.

III-83-16 10/25/83 Illinois Department of Transportation
Springfield, IL

Between 5 p.m., October 25, and 8 a.m., October 16, a Troxler moisture/density gauge was stolen from a construction trailer near Springfield, Illinois. The gauge contained 10 millicuries of cesium-137 and 50 millicuries of americium-241 sealed sources. The local police were notified, but the unit was not found.

III-83-17 11/22/83 New England Nuclear Corporation
Boston, MA

A spent molybdenum-99/technetium-99 (very unstable) generator was found on the Maryland side of the Cabin John Bridge on I-495. A representative from the National Institutes of Health confirmed that no radioactive material was present. However, several people complained of illness and were taken to the National Naval Medical Center. (Also included in the Category IV as Item-83-07.)

III-83-18 11/30/83 Emery World Wide Services
Alexandria, VA

A vehicle carrying a package of 1.5 millicuries of iodine-125 was stolen in the Washington, D.C. area. The vehicle was found the next day. The radioactive package was intact and undamaged. (Also included in Category IV as Item IV-83-08.)

III-83-19 12/01/83 Gearhart Industries, Incorporated
Fort Worth, TX

The licensee recovered a 20-curie americium-241 beryllium well-logging source under one foot of mud in a gas and oil field in Owensboro, Kentucky. The source was found to be undamaged. It was first reported missing November 29, 1983.

III-83-20 12/01/83 Westinghouse Corporation
Columbia, SC

The licensee notified NRC that a recent material balance inventory had revealed that one low-enriched uranium fuel rod could not be found. The rod containing 40 grams of uranium-235 was last accounted for on November 10, 1983. A search revealed the rod had been misplaced in a reject pile.

III-83-21 12/06/83 Loyola University
Chicago, IL

A canister containing 0.5 millicuries of phosphorus-32 solid waste (wipes, glassware, etc.) was inadvertently picked up by maintenance personnel and deposited in a waste dumpster delivered to a landfill. When the licensee attempted to locate the canister, it had already been covered by 12 feet of dirt. (Also included in Category IV as Item-83-09.)

III-83-22 Emery World Wide Services
Alexandria, VA

At 3 a.m., a stolen Emery World Wide Services vehicle was found by the District of Columbia police. The vehicle had been stolen on November 30, 1983, and contained a package with a DOE Radioactive II label: "hormone, 1.5 millicuries" (assumed to be iodine-125). The cargo hatch and package were undamaged and intact. Emery subsequently delivered the package to the addressee, George Washington University. McGill University, the shipper, was also notified of the incident. (Also included in Category IV as Item IV-83-10.)

III-83-23 12/28/83 Automation Industries
Phoenixville, PA

At 2:10 p.m., a Region I inspector found a licensee source changer at the corner of First and American Avenues in King of Prussia, Pennsylvania. The police had already been notified. A survey by the NRC inspector indicated a dose rate of 3 millirems per hour at the surface of the source changer. A motorist who saw the package drop off the truck told the driver, who then returned to pick up the source changer. (Also included in Category IV as Item IV-83-11.)

III-84-01 01/12/84 New England Nuclear Corporation
Boston, MA

A shipment of medical isotopes (196 millicuries of xenon-133), shipped from Dallas on January 12 by American Airlines, did not arrive in Houston, as scheduled. American Airlines found the shipment in Houston on January 16. (Also included in Category IV as Item IV-84-01.)

III-84-02 01/12/84 New England Nuclear Corporation
Boston, MA

A package received at the University of Rochester Medical School was missing one of three vials of radioactive material. The missing vial contained 1.1 millicuries of cerium-141. The package was shipped on January 11 via a combination of air and ground transportation. The driver of the carrier noted that the package bottom was sagging, but appeared to be intact at the time of delivery. The university researcher who received the package found it had been opened and resealed. The vial of cerium-141 was in a lead pig with shielding. It was determined that the isotope arrived at the university and was lost there. (Also included in Category IV as Item IV-84-02.)

III-84-03 01/29/84 G. G. Thalen Associated
Covington, KY

A moisture/density gauge containing 10 millicuries of cesium-137 and 50 millicuries of americium-241 was stolen from a truck in Norwood, Ohio. The next day, the police found the gauge in its container in a home near where it was stolen. The police arrested the resident. (Also included in Category IV as Item IV-84-03.)

III-84-04 02/16/84 New England Nuclear Corporation
Boston, MA

At 1:10 p.m., Metcor, the licensee's contract carrier, informed the licensee that a package with a DOT White I radioactive label reading "thallium-201, 9 millicuries" was lost from a carrier truck in New Haven, Connecticut. A passing vehicle stopped the truck for having its door open. The truck had just made deliveries to St. Raphael's Hospital. The State of Connecticut investigated. (Also included in Category IV as Item IV-84-04.)

III-84-05 02/23/84 Ohmart Corporation
Cincinnati, OH

The City of Kalamazoo sent a moisture/density gauge containing 700 millicuries of cesium-137 (sealed source) to the licensee via a trucking company. The package arrived on February 29. When Ohmart employees began to dismantle the gauge for disposal, they found the source was missing. The source was apparently lost when

the gauge was being prepared for shipment. The source was located by the State of Michigan and NRC Region III personnel during a survey on March 23, 1984. (Also included in Category IV as Item IV-84-05.)

III-84-06 04/13/84 Midstates Logging & Perforating Company
Fairfield, IL

A Region III inspector performing a routine inspection at the licensee's facility discovered that an americium-beryllium well-logging source was missing. The sealed source containing 3 curies of americium-241 was known to be missing through a comparison of an April 13, 1984 inventory with leak-testing records from November 1983. Initial efforts to find the source were unsuccessful, and the licensee notified the local police. The source was found on May 16, 1984, beside a road leading to the licensee's facility, near Stanton, Kentucky.

III-84-07 04/16/85 Cincinnati Gas & Electric Company
Cincinnati, OH

During an inventory, two level gauges, each containing a 10-millicurie cesium-137 source, were verified as missing. The units had been attached to coal shutes. A search was conducted with negative results.

III-84-08 04/17/84 International Wire Line Service
Newton, IL

At 1 p.m., an Illinois State Police Hazardous Materials Officer found a 3-curie americium/beryllium well-logging source (enclosed in a transport container) on a roadside in Newton, Illinois. The source was intact, and there was no radioactive release. The Jasper County Sheriff's Office took possession of the padlocked container. (Also included in Category IV as Item IV-84-06.)

III-84-09 04/25/84 James River Company
Easton, Pa.

A gauge containing 55 millicuries of strontium-90 was removed from storage for a routine leak test. While performing the test, an individual placed the gauge next to equipment scheduled for disposal. After the leak test was completed, the gauge was never returned to its storage area and was apparently disposed of with the other equipment. The gauge was presumed to be in a local landfill.

III-84-10 05/17/84 Kraft, Incorporated
Glenview, IL

During an inventory, the licensee discovered the loss of a moisture/density gauge containing 450 millicuries of cesium-137. Apparently, the gauge was sent to the Pope Salvage Company in Chicago on

III-84-25 11/25/84 Dolton Illinois Police Department
Dolton, IL

A vial containing 2.2 milligrams of mercury-197 was found near a trash container and turned over to the Dolton Police Department. It was dated May 9, 1979. Mercury-197 has a half-life of 65 hours, so no activity was found.

III-84-26 12/04/84 Vess Beverages, Incorporated
St. Louis, MO

A level gauge containing 14 millicuries of cesium-137 was lost. Licensee personnel searched their facilities and could not find the gauge.

III-84-27 12/05/84 Doctors Hospital
Columbus, OH

A sealed source containing 27 millicuries of cesium-137 was found missing during a routine inventory. Hospital records indicated that the source was last used for a radiation procedure on November 27. The source had been implanted in a patient. An intensive search was conducted, and the licensee notified the State of Ohio. The source was found in the wrong storage slot beneath another source in a storage.

III-85-01 01/02/85 Accu-Ray Corporation
Columbus, OH

A 1.5-curie krypton-85 sealed source was lost in shipment from the licensee to Brussels, Belgium. The source was sent some time after December 12, 1984, and arrived at Kennedy Airport on December 14. Accu-Ray was informed that the carrier, Flying Tiger Airlines, was delaying shipment due to backlogs. The shipment was misplaced temporarily while in transit and finally arrived in Brussels by January 4, 1985. (Also included in Category IV as Item IV-85-01.)

III-85-02 01/14/85 Nuclear Pharmacy Incorporated
Philadelphia PA

Two packages of radioactive material fell off the back of the licensee's truck. Another driver retrieved the packages and took them to the nearest police station. The packages had been tied down, but slipped out of the back of the pickup truck when the rear gate opened inadvertently. The packages contained two millicuries of thallium-201, six millicuries of technetium-99 (highly unstable) and a five-millicurie krypton-81 generator. The inner packages, including shielding, were intact. No contamination was detected. (Also included in Category IV as Item IV-85-02.)

III-85-03 01/25/85 U.S. Army Chemical Corps School
Ft. McClellan, AL

A 0.95-curie cobalt-60 sealed source was found in a former fallout simulation training range in an unoccupied area. This was one of 800 sources that were supposedly shipped for disposal to Morehead, Kentucky, in 1973. (Also included in Category IV as Item IV-85-03.)

III-85-04 02/13/85 Schlumberger Well Services
Houston, TX

The Texas Bureau of Radiation Control notified Region IV that a sealed radioactive source containing 1.5 curies of cesium-137 was missing from a well-logging truck operating near Graham, Texas. Company employees unsuccessfully attempted to find the source by retracing the truck's route. Extensive investigations by the licensee and the Texas Bureau of Radiation Control failed to find the source. On April 12, 1985, the source was found by Geo Source Company, about 3 miles west of Graham, Texas. (Also included in Category IV as Item IV-85-04.)

III-85-05 02/20/85 Amersham Corporation
Arlington Heights, IL

Two packages of radioactive materials belonging to the licensee were found along a nearby highway. They were part of a shipment to Cornell University in Ithaca, New York. Cornell had reported them missing, and the licensee had sent replacement packages, believing that they had not been sent originally. The discovered packages were intact and contained 5 millicuries each of iodine-125 and tritium. (Also included in Category IV as Item IV-85-05.)

III-85-06 02/04/85 Georgia Nuclear Services
Augusta, GA

A Union Carbide molybdenum/technetium generator, shipped on February 4, 1985, was not received by the licensee. According to Union Carbide, the generator was shipped by Eastern Airlines flight 171 and was signed for by Purolator couriers. Union Carbide received a call on February 6 from Georgia Nuclear Services, claiming that they had never notified the State of Georgia of the lost generator. Union Carbide notified the State of New York on February 27. The State of Georgia was informed and contacted Georgia Nuclear Services and Purolator to attempt to trace the generator, which by then had decayed to less than 16 millicuries. (Also included in Category IV as Item IV-85-06.)

III-85-07 03/10/85 Round Lake Police Department
Round Lake, IL

A local resident found an empty yellow transport bag marked "Caution, Radioactive Material" and reported it to the police, who subsequently confiscated the bag. An NRC inspector interviewed the citizen and surveyed the property where the material was found. No radioactive contamination was detected.

III-85-08 03/26/85 Newark, OH

An NRC licensee was arrested by the FBI on charges of unlawful possession and use of licensable radioactive material. The licensee had been licensed to possess americium-241 since 1970, but since 1981, his license was limited to storage of small amounts of material. The licensee had used the americium to irradiate gemstones to induce a color change. FBI and NRC personnel confiscated over 20 curies of americium from the licensee and transported the material to the DOE Mound Laboratories.

III-85-09 03/28/85 Johnston-Willis Hospital
Richmond, VA

A 550-microcurie dose of iodine-131 hippuran was discovered missing from the Johnston-Willis Hospital's hot lab. The dose had been received from Mallinkrodt two days before and had been placed in storage. Searches and interviews with personnel failed to find the iodine.

III-85-10 04/03/85 Kaiser Cement and Gypsum Company
Permanente, CA

At 9 a.m., a licensee representative from the plant in Montana City, Montana, called to report the loss of a non-portable gamma ray moisture/density gauge. During a three-month shutdown, employees were asked to do maintenance work, which generated a great deal of scrap material. A nonportable gauge containing less than 150 millicuries of cesium-137 was inadvertently placed with the scrap materials. The shutter was in the closed position, and the gauge was locked. A company employee responsible for loading scrap confirmed that the device was loaded onto a truck going to Pacific Hide and Fur on March 22. Two other possible destinations were American Smelting and Refining Company in East Helena, Montana and Nucor near Brigham City, Utah. Radiation control officials from Utah and Montana conducted surveys of these locations and found no levels above background. The gauge was located several days later and returned to the licensee. No damage or radiation exposure occurred. (Also included in Category IV as Item IV-85-07.)

III-85-11 04/03/85 Amersham Corporation
Arlington Heights, IL

A shipment of cesium-137 liquid solution was lost in transit. The package was shipped on January 25 to Philadelphia Electric Company. Personnel did not receive the shipment. The delivery service was unable to demonstrate proof of delivery. (Also included in Category IV as Item IV-85-08.)

III-85-12 04/10/85 Syncor Corporation
Grand Rapids, MI

The licensee reported that a briefcase containing three syringes of technetium-99 (very unstable) was stolen from the licensee's vehicle while it was being loaded at about 4 a.m. The theft was discovered when the driver prepared to leave the facility. Later the same day, a licensee employee spotted the three syringes along a street near the licensee's facility. The syringes remained in the shielded packages, but each one had been damaged. Portions of the contents leaked onto the pavement, but most of the radioactivity remained in the syringes and packaging. (Also included in Category IV as Item IV-85-09.)

III-85-13 04/16/85 Amersham Corporation
Arlington Heights, IL

One of eleven packages containing sealed capsules of americium-241 was determined to be missing between Chicago's O'Hare Airport and Hong Kong. The package contained 7,500 capsules, each with one microcurie. The licensee placed a tracer on the shipment, but failed to locate the missing package. (Also included in Category IV as Item IV-85-10.)

III-85-14 04/17/85 Montefiore Hospital
Pittsburg, PA

The licensee reported that a seed containing 24 millicuries of indine-125 was lost. It had been implanted in a two-centimeter tumor on the flank of a rat on April 12. Shortly after the implantation, a technician changed the absorbent material at the bottom of the cage, failed to survey this material, and disposed of it in the regular trash, which was subsequently placed in a dumpster and sent to a local landfill. A thorough survey of the facility failed to locate the missing seed, and it was determined that it was lost at the landfill. Licensee personnel were reminded of the requirement to survey all material taken from animal cages containing radioactive materials.

III-85-15 04/17/85 Babcock and Wilcox Company
Alliance, OH

The licensee reported the loss of four unirradiated uranium dioxide fuel pellets containing about one gram of uranium-235, with each pellet enriched to 3.19 percent. The loss was discovered during a routine annual inventory of special nuclear material. It was suspected that the pellets were accidentally discarded as trash.

III-85-16 05/01/85 Uniroyal Tire Company
Opelika, AL

During routine leak test, licensee personnel determined that four 19 Kay-Ray Model 7062 level density gauges used in tire manufacturing were missing. Three of the four gauges each contained 50 millicuries

of cesium-137, and the other contained 10 millicuries. It was believed that the gauges were inadvertently delivered to a scrap salvage yard, with some major equipment recently retired from use. On May 10 1985, it was reported that one of the gauges was found in a scrap in Alexander City, Alabama.

III-85-17 05/07/85 Young Wireline Service, Incorporated
Charleston, WV

A logging tool containing 2 curies of cesium-137 was lost 4900 feet deep in an oil well in Wirt County, West Virginia. Attempts to recover the logging tool failed when the remaining cable snapped during recovery attempts. The tool was believed to have collapsed after falling 150 feet, earlier. The tool was isolated with a deflection device and covered with 130 feet of cement.

III-85-18 05/29/85 Research Products International Corporation
Mt. Prospect, IL

A package containing 5 millicuries of tritium labeled thymidine was shipped by Federal Express on May 26 to Stanford University. The outer package arrived damaged, with the inside container and contents missing. The thymidine was in liquid form in a "Radioactive Materials" labeled vial, with a rubber sealed cap. The licensee, carrier and consignee conducted a search with negative results. (Also included in Category IV as Item IV-85-11.)

III-85-19 06/04/85 Member of Public
Casper WY

A resident of a rural area near Casper, Wyoming, reported that he found 12 lead containers with radioactive material labels being stored in his drinking water pumphouse. The containers were there when he bought the property two years ago, but he had never before noticed the labels. On June 5, 1985, a civil defense official surveyed the containers and found no evidence of radioactivity. The containers were transported to the Wyoming Bureau of Health.

III-85-20 07/10/85 University of California
Berkeley, CA

The licensee informed the State of California that several radioactive sources were either lost or stolen. The sources included 150 millicuries of americium-241, 2 millicuries of cobalt-57, and microcurie quantities of cesium-137 and barium-133

III-85-21 07/15-16/85 McClellan Engineering, Incorporated
Little Rock, AR

The licensee notified the Region IV office that a moisture/density gauge was lost or stolen from a company vehicle while in Pine Bluff Arkansas. A search was conducted by the licensee, Arkansas Department of Health, county sheriff and state highway patrol personnel with negative results.

- III-85-22 07/17/85 GA Technologies, Incorporated
- A brass-encased special nuclear material detector check source containing about three grams of 93 percent enriched uranium oxide was discovered missing and unaccounted for. A search was conducted with negative results.
- III-85-23 08/06/85 John Mathes & Associates, Incorporated
Columbia, IL
- The licensee notified RIII that a moisture/density gauge was stolen from a locked construction trailer in Mundelein, IL. The gauge contained 10 millicuries of cesium-137 and 40 millicuries of americium-241. The gauge handle was padlocked to prevent unauthorized use. On September 20, 1985, the Lincolnshire Police Department notified Region III that the moisture/density gauge was found inside an abandoned grain silo.
- III-85-24 10, 20/85 State of Tennessee
Nashville, TN
- Tennessee radiation control program representatives informed Region II that a Tennessee licensee reported a pickup truck containing a radioactive device was stolen from a job site in Nashville, Tennessee. The device was a Troxler Model 3411 moisture/density gauge containing 10 millicuries of americium-241. A local police department investigation was conducted with negative results.
- III-85-25 10/29/86 Member of Public
O'Fallon, MI
- An individual found a container labeled "Sodium Iodide-Iodine-123 capsule" at the edge of a parking lot in O'Fallon, Missouri. The capsule was calibrated for January 10, 1985. Iodine-123 is not regulated by the NRC. The state of Missouri was notified.
- III-86-01 01/13/86 State of Alabama
- A plutonium check source set (approximately 2 microcuries) was found in a surplus safe purchased by the Alabama Air National Guard from a Federal surplus property depot located in Alabama. The sources were placed in the possession of the Alabama Bureau of Radiological Health at Montgomery, Alabama. NASA was determined to be the agency responsible for these sources.
- III-86-02 01/30/86 Department of the Navy
Naval Construction Training Center
Port Hueneme, CA
- The licensee reported the loss of a Troxler Model 3401B moisture/density gauge. The gauge was originally found to be missing on January 24, 1986. The loss of the gauge was not immediately reported to the NRC, because it was believed that it was

transferred to another Navy Command licensee on the same base. On April 22, 1986, Region V was notified that the gauge had been found in a storage warehouse.

III-86-03 02/14/86 RAI Research Corporation
Hauppauge, NY

On February 14, 1986, licensee personnel discovered that an 83-millicurie cesium-137 calibration source was missing. Since the lock on the source holder had been changed, theft was suspected. Air search of employee's homes was conducted with negative results. Employees were interviewed with negative results. Future calibration will be provided by contractor. No further action contemplated.

III-86-04 02//20/86 McFarland-Johnson Engineers, Incorporated
New Haven, CT

McFarland-Johnson Engineers, Incorporated, reported the theft of a moisture/density gauge containing cesium-137 and americium-241. It was recovered when a motorist noticed a bright orange container holding the device on a street corner in Branford, Connecticut, and reported it to the police. Examination by local police and licensee revealed no tampering with the lock on the gauge.

III-86-05 03/01-07/86 McAlester Regional Hospital
McAlester, OK

A package containing 10 capsules of iodine-131 (17 curies each) was found intact on public property on March 7, 1986, and returned to the hospital. The licensee reviewed material control procedures.

III-86-06 03/26/86 Bowser-Morner Testing Laboratories
Dayton, OH

A Troxler moisture/density gauge lost from the back of the licensee's pickup truck on March 26 was found during the afternoon of March 27, 1986. The gauge was found intact.

III-86-07 04/03/86 James River Corporation
Parchment, MI

On April 3, 1986, the licensee discovered that an Accuracy U-Frame Scanner, Model #3102, containing approximate 230 millicuries of krypton-85 gas in a sealed source, was missing. The gauge was last seen in a storage area during an inventory in July 1985. The gauge, which was used to measure the thickness of paper, was about the size of a typewriter, weighed 30 to 40 pounds, and was attached to a 14-foot-long U-Frame. An immediate search, which included the James River plant and the local metal salvage yards, was unsuccessful.

procedures, when inventoried, showed only 39 seeds. The shipment was from Minnesota Mining and Manufacturing Company (3M). The package was sealed and in good condition upon receipt. A radiation survey of the receiving area and the packing material failed to locate the "missing" seed. The 3M Radiation Safety Officer was notified by the Region III office the same day. 3M investigated and found the missing seed.

III-86-17 08/12/86 Abbott Laboratories
North Chicago, IL

The licensee reported that a package containing 1.0 millicuries of phosphorus-32 had been lost and was believed to have been buried in a nearby refuse landfill. The material--in the form of a soluble salt--was in a small glass vial, which was packaged in a small box. The box had been left unattended in a hallway at the licensee's facility. It apparently was removed from the hallway as trash and taken with other trash from the licensee's facility to a landfill at Zion, Illinois. Refuse at the landfill was covered with soil.

Phosphorus-32 is a beta emitter with a half life of 14 days. As such, once covered with soil, the material would not be able to be located by its radiation. A vial containing 1.0 millicurie would have a radiation level of 300 millirads per hour at a distance of 1 centimeter. Buried with other refuse and covered with soil, the material would not represent a health or environmental hazard.

III-86-18 08/19/86 Barry L. Moore and Associates
Baton Rouge, LA

The Louisiana Department of Environmental Quality, Nuclear Energy Division (DEQ/NED) notified Region IV that a Troxler moisture/density gauge was stolen from a truck which had been left unattended on the side of the road after an accident. The licensee informed the State Police that the gauge was missing. The Troxler moisture/density gauge contained approximately 8 millicuries of cesium-137 and 44 millicuries of americium-241. On August 26, 1986, as a result of an anonymous call, the gauge was found undamaged on a road.

III-86-19 08/25/86 University of Wisconsin
05/05/87 Madison, WI

The licensee notified Region III that 7 iridium-192 seed were missing. Each seed contained .5 millicuries. All had been implanted into pigs on June 26-27, 1986. The pigs were sacrificed on August 22, 1986, and at that time, it was noted that the seeds were unaccounted for. The licensee believed that the seeds were dislodged from the pigs and washed down the sanitary sewer. The licensee monitored the sewer lines and did not find the seeds. Radiation levels at 3 feet from a .5 millicurie seed would measure approximately .25 millirem/hour. On May 5, 1987, an Order Imposing a Civil Penalty in the amount of \$1,250 was issued based on a failure to conduct appropriate radiological surveys during the course of an experiment and the loss of licensed material.

III-86-20 08/30- St. Francis Hospital
 09/05/86 Evanston, IL

The licensee reported the loss of a tiny plastic tube containing 10 iridium-192 seeds. The lost tube was among 17 implanted into a patient on August 17, 1986, during a brachytherapy treatment. The seeds were removed August 30, 1986, but because of the Labor Day holiday, an inventory was not conducted until September 2, 1986, when the one tube was discovered missing. The licensee conducted a search of the area and concluded that the seeds had been discarded in the trash. The radiation level at one meter from the seeds would be about 2 millirem per hour.

III-86-21 09/16/86 Siemens Gammasonics
 Chicago, IL

At 4:30 p.m., a tool box containing radioactive material was stolen from a field service engineer of Siemens Gammasonics. The tool box, which was in an automobile parked in a parking lot in Philadelphia, Pennsylvania, contained three instrument check sources--a 2-millicurie americium-241 sealed source and two cobalt-57 sealed sources of 236 and 27 microcuries, respectively. The dose rate of all sources combined was approximately 1 milligram per hour at a distance of one foot and, therefore, would not present a health or safety risk unless an individual was in close proximity to the sources for a long period of time. The material has not been found.

III-86-22 09/25/86 Dresser Industries
 Houston, TX

A routine inventory disclosed a missing sealed source. The 4.5 curie americium-241 source was supposed to have been stored at either of the licensee's field offices at Ardmore or Yukon, Oklahoma. The licensee repeated the inventory checks at these and other licensee field offices with negative results.

III-86-23 09/30/86- U.S. Department of Agriculture
 10/09/86 Soil Conservation Service
 Fulton, MS

The U.S. Department of Agriculture informed the State of Mississippi that a Soil Conservation Service warehouse in Fulton, Mississippi, was broken into during the period of September 30-October 6. Among items taken was a Troxler moisture/density gauge containing an 11.2-millicurie americium-beryllium source. The source was locked and was not easily accessible. If the source had been extricated by force, the radiation level from the unshielded source at 100 centimeters would have been only 0.1 mr/hr., which would not have posed a significant health hazard. Mississippi authorities agreed to alert the operator of a nearby landfill and area scrap dealers (about eight) in a 30-mile radius about the missing gauge. On October 9, 1986, State of Mississippi authorities informed Region II that the gauge had been found and had been returned to the Department of Agriculture.

III-86-24 10/03/86 Florida Steel
 Tampa, FL

Florida Steel advised the State of Florida that it had found radioactive material in an incoming shipment. As a matter of policy, Florida Steel routinely monitored both incoming and outgoing products for radioactivity. In conjunction with the state, Florida Steel determined that the radioactivity was emanating from a small piece of metal. The state took possession of this metal and analyzed it. Preliminary results indicated that the object appeared to be a strontium/yttrium beta-emitting source. A radiation level of 800 millirem per hour was measured on contact with the source. The state amended Florida Steel's license to permit possession of this material.

III-86-25 10/12/86 Metcor, Incorporated
 Passaic, NJ

At 3 a.m., in Clifton, New Jersey, a package fell off a Metcor truck transporting a shipment of radiopharmaceuticals from Mallincrodt, Incorporated, Maryland Heights, Missouri, to the Lewistown Hospital, Lewistown, Pennsylvania. A motorist saw the package fall, retrieved it, took it home and turned it over to the local police later that day. The New Jersey Department of Environmental Protection surveyed the package and the area where it fell and determined that no leakage of the radioactive contents had occurred. The package contained five 100-microcurie and ten 50-microcurie doses of iodine-131 and one six-millicurie dose of gallium-67. The package was returned to Mallincrodt the next day. (Also included in Category IV as Item IV-86-02.)

III-86-26 10/17/86- Browns Ferry
 1/14/87 Tennessee Valley Authority
 Limestone County, AL

On October 17, 1986, the licensee reported a fuel loading chamber loss of 10 grams of special nuclear material (SNM). On January 14, 1987, the licensee reported the results of a followup inventory which encompassed the entire history of the plant. Four traveling in-core probe (TIP) detectors and nine source range monitors (SRM)/intermediate range monitor (IRM) detectors could not be accounted for and were considered to have been previously shipped as radwaste. The SNM content of these detectors was:

TIPs = .001 gram each
SRMs = .003 gram each
IRM = .001 gram each

III-86-27 10/21/86 Alabama Highway Department
Winfield, AL

The Alabama Department of Public Health notified Region II that a radioactive moisture/density gauge was stolen from the Alabama Highway Department sometime over the past weekend from a location in Winfield, Alabama. The gauge, made by Campbell Pacific Nuclear Corporation, was in an aluminum and steel shell 14 by 9.5 by 24 inches. The radioactive source was sealed in one end of a rod, which was locked in the storage position, by an integral key lock, until ready for use. The shell of the device was marked with a radiation symbol and the words, "Caution, Radioactive Material." It contained 10 millicuries of cesium-137 and 50 millicuries of americium-beryllium. The State of Alabama issued a news release asking anyone who found the gauge to stay five feet away from it and to notify local law enforcement officials or the Radiological Health Branch of the Alabama Department of Public Health.

III-86-28 10/24/86 Sequoyah
Tennessee Valley Authority
Hamilton County, TN

Tennessee Valley Authority (TVA) notified Region II that it could not determine the exact location of 11 of 23 in-core detectors which had been withdrawn from the core and placed with radioactive waste at Sequoyah since 1980. The detectors each contained 4 milligrams of high enriched uranium-235. TVA believed the detectors were in the on-site radioactive waste area.

III-86-29 11/30/86 O'Brien and Associates, Incorporated
Arlington Heights, IL

At 7 a.m., an employee discovered a moisture/density gauge (Campbell-Pacific Model MC/2) had been stolen from a construction trailer at the United Airlines Terminal 1 construction staging area, O'Hare International Airport, Chicago. The trailer door had been forced open and the gauge containing two sealed sources--10 millicuries of cesium-137 and 50 millicuries of americium-241--was missing along with the gauge's bright orange and plastic storage case. The gauge and storage case were last seen by an employee at about 3:30 p.m., October 31, 1986. The licensee reported the theft to United Airlines Security, the Chicago Police Department, and the Illinois Department of Nuclear Safety. Pictures of the gauge also were posted at the construction site, with a warning about the hazards of radiation. The gauge has not been found.

III-86-30 11/07/86- LTV Steel Company
08/10/87 TX

The licensee reported five sealed sources missing. The sources were a part of a consignment for disposal by the vendor, Texas Nuclear. After the waste was disposed of, a comparison of a computer-generated inventory by Texas Nuclear with the original records from LTV Steel

Company failed to show the five sources. These sources were listed by ITV as one americium-241 (14 millicuries); two cobalt-60 (5 millicuries each); and two thallium-104 (14 microcuries, .03 microcuries). An unsuccessful search was conducted for the sources. On August 10, 1987, the licensee was fined \$2,000 for (1) failure to maintain licensed material under constant surveillance and control and (2) multiple failures to inventory licensed material every six months, as required.

III-86-31 11/8-9/86 U.S. Testing
State of California

An industrial radiographer truck was stolen from U.S. Testing, a State of California licensee. The truck contained a 74-curie iridium-192 source locked inside of a shielded industrial radiography camera, which, in turn, was locked inside a darkroom mounted on the truck. Since the event related to materials held under the authority of a State of California license, the matter was referred to the State of California for investigation and resolution. The truck with source was recovered within a week. (Also included in Category IV as Item IV-86-03.)

III-86-32 11/12/86 Minnesota Mining and Manufacturing Company
MN

An airplane shipment containing 67 seeds of iodine-125 (total 615 millicuries) did not arrive in London, as expected, after transfer from Frankfurt, Germany, on October 18, 1986. The package had originally been shipped by the licensee from the United States and had been received in Frankfurt. The licensee put a tracer on the package with negative results. (Also included in Category IV as Item IV-86-04.)

III-86-33 11/14-17/86 Geo-Tech, Incorporated
San Juan, PR

The licensee called Region II on November 14 to report that one of his pickup trucks with a Campbell-Pacific moisture/density gauge bolted to the truck bed had been stolen. The truck was recovered, but the gauge was missing. These gauges typically contain 10 millicuries of cesium-137 and 40 millicuries of americium-241. The licensee initiated radio and TV coverage in an attempt to recover the gauge. On November 17, 1986, the Puerto Rico Health Department notified Region II that the gauge had been recovered. (Also included in Category IV as Item IV-86-05.)

III-86-34 12/01/86 Norland Instruments
Ft. Atkinson, WI

The Indiana Board of Health notified Region III that it was storing a sealed iodine-125 radiation source which had been found in a rental car on November 30, 1986, at the Indianapolis Airport by a car rental company employee. Radiation survey by the Indiana University Medical Center radiation safety officer showed radiation levels at the surface

of the source container to be approximately background, and leak testing showed no evidence of leakage. A label on the source container indicated it was a Norland Instruments source with an activity level of approximately 33 millicuries at the time of loss. The licensee believed that the source had been used by a Norland employee during installation of a bone mineral analyzer in the Indianapolis area. The licensee arranged the return of the source. (Also included in Category IV as Item IV-86-06).

III-86-35 12/17-18/86 Del-Med, Incorporated
South Plainfield, NJ

At 8 p.m., on December 17, 1986, four spent molybdenum-99/technetium-99 generators were reported stolen from the carrier's light van while it was parked at the driver's residence in Philadelphia, Pennsylvania. The generators were picked up on December 16 from users in the Philadelphia vicinity and Folcroft, Pennsylvania, and were in-route to Del-Med's warehouse facility in South Plainfield, New Jersey, to await transport to Mallinckrodt, Incorporated, in St. Louis, Missouri. The generators were described as Ultra-Technekow FM models having residual activity, on December 16, 1986, of 260, 260, and 190, and 140 millicuries, respectively, principally molybdenum-99. At about 2 p.m., three of the generators were found in a Philadelphia residential area by the Philadelphia Police Department. Region I inspectors identified no abnormal radiation or contamination. A representative from Mallinckrodt took possession of the generators and took them to the Folcroft facility. One of the generators is still missing. A press release was issued to the public.

III-87-01 01/08/87 Mallinckrodt, Incorporated
2703 Wagner Place
Maryland Heights, MO

Two vials of iodine-125, believed to have been stolen from the Veterans Administration, were recovered by the St. Louis Police Department. The vials were assayed and found to contain less than 0.01 microcuries each (exempt quantity of iodine-125 is one microcurie). An individual was arrested and charged with the possession of drugs and "hazardous material."

III-87-02 01/14/87 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

The licensee inventory revealed a missing sealed source of 23 milligrams of 92% enriched material.

III-87-03 01/21/87 Virginia Highway Department
Richmond, VA

A Troxler Model 3411B moisture/density gauge containing 40 millicuries of americium-241 and 8 millicuries of cesium-137 sources was stolen from a locked construction building in Richmond, Virginia. The gauge was locked in the shielded position and chained to a bolted storage rack. The thief cut the chain and also stole a pickup truck. The Highway Department issued a media release and notified the Virginia Health Department.

III-87-04 01/23/87 Indian Point
Consolidated Edison Company
Westchester County, NY

The licensee inventory of special nuclear material (SNM) accounted for all SNM except four fission chambers. Two fission chambers were for Unit 1 and contained 1.5 grams of U-235 each. Two were for Unit 2 and contained 5 grams of U-235 each. The previous inventory of September 10, 1986, did not identify any missing SNM. The licensee searched for the fission chambers with negative results.

III-87-05 01/23-02/06/87 Kahn's and Company
Cincinnati, OH

On January 23, 1987, the licensee reported that it was unable to locate a gauge containing cesium-137 sealed sources, discovered missing on November 7, 1986. On February 6, 1987, the licensee found the missing gauge in a locked storage room at the licensee's facility. It was in a safe condition, with its shutter closed.

III-87-06 03/10/87 Lixi, Incorporated
1438 Brook Drive
Downers Grove, IL

A Lixiscope, a hand-held 6 1/2 pound portable imaging device containing a 52-millicurie iodine-125 sealed source, was stolen from a licensee sales representative's locked vehicle while the car was parked in Milwaukee, Wisconsin. The source was padlocked in its shielded position. The device does not represent a safety hazard unless it is tampered with and the source exposed or breached. The Milwaukee police were notified and they issued a news announcement to alert the public of the missing device and its potential hazard. (Also included in Category IV, Item IV-87-03.)

III-87-07 03/16/87 State of Florida
 Peninsula Engineering and Testing
 Gainesville, FL

A Troxler Model 3411-B moisture/density gauge containing 8 millicuries of cesium-137 and 40 millicuries of americium-241 was stolen from a Florida licensee's pickup truck in Ocala, Florida. The device was stored inside the shipping case, and the source rod was locked in an off position. The incident was reported by the licensee to the local police authorities. (Also included in Category IV, Item IV-87-04.)

III-87-08 03/16/87 State of Louisiana
 Citco Petroleum Corporation
 Lake Charles, LA

During an annual inventory, a level detector source (140 millicuries of cesium-137) was found to be missing from a coking oven. The 3/4- by 2-inch source had broken away from the wall of the oven and was presumed to have gone out with the coke product by conveyor belt and train car. Exposure to personnel appeared to be highly unlikely as mechanical handling equipment is used for movement of coke. Louisiana inspectors surveyed the loading docks, the conveyor system, and the coke storage piles with negative results.

III-87-09 04/01/87 St. Francis Hospital
 Evanston, IL

Two pacemakers removed from patients in 1980 were not returned to the vendor and have not been located. The two missing pacemakers, each powered by 2.5 curies of plutonium 238 as a sealed source, are presumed to be buried in a sanitary landfill.

III-87-10 04/29/87 Department of the Air Force
 Kirtland Air Force Base
 Albuquerque, NM

A loss of approximately 0.25 pounds of thorium oxide was detected at Kirtland Air Force Base. The thorium was mixed with soil and placed on and in the proximity of shell casings on a training range to simulate alpha contamination spread near an undetonated nuclear device. Two casings, probably contaminated with the radioactive soil, were missing and believed to be stolen. The licensee contacted metals dealers to attempt recovery of the casings with negative results.

III-87-11 05/26/87 State of Louisiana
 Owensky-Kritikos
 New Orleans, LA

During radiographic operations in the Gulf of Mexico, a 60-curie iridium-192 source separated from a radiography camera and dropped

from a platform into 300 feet of water. There were no overexposures or recovery attempts.

III-87-12 11/30/86 Kermit Butcher
 04/20/87 Elkins, WV

Between November 30, 1986 and April 20, 1987, a Troxler Model 3411B moisture/density gauge containing two sealed sources was stolen from an unlocked building. The theft was identified on April 20, 1987. The gauge was not recovered.

III-87-13 06/02/87 University of Michigan
 Radiation Control Service
 1101 North University Building
 Ann Arbor, MI

A nuclear pacemaker containing 250 milligrams of plutonium 238 which was removed from a patient in June 1978 has not been located. The radiation staff was not made aware of the removal until June 2, 1987. The licensee conducted a search of the facility, interviewed personnel involved with the 1978 removal of the device, reviewed records, and contacted the manufacturer of the pacemaker who would normally receive the used pacemaker for disposal with negative results.

III-87-14 06/04/87 State of California
 Texaco

At 9 p.m., a Gamma Century 100 radiographic exposure device containing 42 curies of iridium-192 as a sealed source was accidentally dropped over the side of a platform, approximately eight miles off the California coast, into approximately 700 feet of water. A recovery operation was not feasible because of poor diving conditions in the area of the San Andreas fault.

III-87-15 06/12-13/87 ATEC Associates of Virginia
 Alexandria, VA

Between the evening of June 12 and the morning of June 13, a Troxler 3411B moisture/density gauge containing 8 millicuries of cesium-137 and 40 millicuries of americium-241-beryllium was stolen from a construction site in Oakton, Virginia. The source rod was not locked. The dose rate from the gauge when shielded is about 15 mrem/hr., but about 25 rem/hr. at 1 centimeter from the tip of the extended source rod. The Fairfax County Sheriff was notified by the licensee, and the local media correspondents were asked to publicize precautions for anyone finding the gauge. On September 21, 1987, the licensee paid a Civil Penalty in the amount of \$400.

III-87-16 06/20/87 Jewish Hospital
3200 Burnett Avenue
Cincinnati, OH

A catheter containing three iodine-125 radioactive seeds was discovered missing from a storage site in the hospital's brachytherapy room when the licensee sought to decontaminate the viral bacteria from a total of 20 seeds that were removed from a patient on June 11, 1987. The seeds measure .8 millimeter high by 4.5 millimeters long. Each seed contains one millicurie of iodine-125, with a dose rate of 1.14 rem per millicurie at one centimeter. The seeds could cause significant exposures if held in direct contact with the skin for an extended period of time. The licensee surveyed the hospital surgery room, the laundry, and the pathology lab, but could not locate the three seeds. The licensee stated the seeds were probably disposed of at a land burial site or the metropolitan sanitary system.

III-87-17 06/24/87 Mead Corporation
Dayton, OH

Four static eliminator bars, each bar measuring 45 inches in length and containing 16 millicuries of americium-241 as a foil source, were reported lost. The bars were last accounted for in 1979. Accountability checks and physical radiation surveys at the licensee's plant failed to locate the missing bars. The licensee stated that some or all of the bars may have been disposed of via a local salvage yard. A search, using radiation detection equipment, was conducted at the salvage facility by the licensee with negative results.

III-87-18 06/24/87 Madison Osteoporosis Center
20 South Park Street
Suite 302
Madison, WI

Eleven millicuries of iodine-125, in a sealed form and inside a brass holder used by the licensee in a bone mineral analyzer, were reported lost. The licensee believed the material was accidentally disposed of as trash and sent to the Dane County landfill near Madison, Wisconsin. The State of Wisconsin Radiological Safety Division conducted radiation surveys at the landfill with negative results.

III-87-19 07/06/87 State of North Carolina
Western Carolina University
Cullowhee, NC

A "beta" light source consisting of 25 curies of hydrogen-3 gas sealed inside a borosilicate glass tube was reported stolen from an "exit" light installed at the Western Carolina University, Cullowhee, North Carolina. The source tube is not considered to be an external radiation hazard unless broken. The University conducted an investigation with negative results.

III-87-20 07/16/87 U.S. Air Force
Wright-Patterson Air Force Base, OH

During a sealed source inventory, a 100-millicurie plutonium-beryllium source, believed to be in storage, could not be located. The Air Force suspected that the source may have been returned to the Department of Energy. The source is known to be stored in a shielded can, approximately one gallon in size. A records check and search for the source were conducted with negative results.

III-87-21 07/17/87 State of Ohio
Mobile Inspection Services, Incorporated
2104 River Road
Mansfield, OH

A radiation source containing 24.7 curies of irridium-192 was found along the side of Route 95 near Mansfield, Ohio. The shipping papers indicated that it was owned by Mobile Inspection Services, Inc. and was being shipped by truck to Amersham Technical Services, Burlington, Massachusetts. Apparently the shipping company lost the container during transit. The Ohio Disaster Services Agency took possession of the device and returned it to the owner. (See also Category IV, Item IV-87-07.)

III-87-22 07/22/87 Troxler Electronic Labs., Incorporated
Research Triangle Park, NC

A Troxler Model 3411B moisture/density gauge, Serial #14240, containing 8 millicuries of cesium-137 and 40 millicuries of americium-241-beryllium was declared lost in transit during a shipment from the factory in North Carolina to a District of Columbia customer. A search was conducted with negative results. (See also Category IV, Item IV-87-08.)

III-87-23 07/28/87 State of Maryland

At 7:30 p.m., a Lixiscope, a portable fluoroscopic imaging device containing 62 millicuries of iodine-125, was stolen from the front seat of a licensee's vehicle, parked at a county club in Rockville, Maryland. The device was in its locked aluminum case. The police were notified and, in coordination with the State radiation control staff, issued a public announcement concerning the device. (See also Category IV, Item IV-87-09.)

III-87-24 07/30/87 Department of the Interior
Geological Survey, Western Region
CA

Eighteen glass bottles, each containing 100 microcuries of carbon-14, were accidentally lost in Mono Lake, located between Yosemite National Park and the California/Nevada border. The bottles contained lake-water samples which were incubating at various depths in the lake. They were secured with threaded glass

stoppers wrapped with duct tape and placed on trays suspended on a one-sixteenth inch diameter stainless steel cable. When the samples were lowered into the lake, the cable snapped, and the samples dropped to the bottom of the lake at a depth of approximately 25 meters. No attempt was made to retrieve the bottles due to the caustic nature of the water at that point in the lake (pH of 9.8) and because the lake bottom is composed of loosely-packed layers of sediment. The licensee notified the State of California Radiological Health Branch.

III-87-25 08/06/87 Professional Service Industries, Inc.
Oak Brook, IL

Between 4:30 and 5:30 p.m., a soil density/moisture gauge containing 8 millicuries of cesium-137 and 50 millicuries of americium-241 in sealed sources was stolen from the back of a pickup truck while it was parked outside a restaurant near Findley, Ohio. The transport case containing the gauge was not secured to the vehicle, and the gauge itself was not locked to prevent extension of the rod containing the radioactive sources. The gauge and case were both marked as containing radioactive material. The radiation level at a point 12 centimeters from the surface of the gauge would be 13 millirem per hour with a probe in the closed position. The device would represent a significant hazard only if it were tampered with and the sources exposed. The police and local media were notified. A civil penalty of \$2,250 was paid on October 26, 1987. (See also Category IV, Item IV-87-10.)

III-87-26 08/07/87 Milton S. Hersey Medical Center
Hershey, PA

Five iridium-192 seeds encased in a nylon ribbon, with a total activity level of 2 millicuries, removed from a patient and placed in the storage room on July 9, 1987, were discovered missing when the required quarterly inventory of brachytherapy sources was performed. The hospital radiation staff surveyed the entire hospital with sensitive radiation survey instruments, without finding the missing sources. The calculated dose rate at one foot from the seeds is 10 milliroentgen per hour. Iridium-192 has a 74 day half-life. Therefore, the lost seeds would cause harm to an individual only if the seeds were held in direct contact with a portion of the individual's body for an extended period of time.

III-87-27 08/11-12/87 Veterans Administration Medical Center
West Haven, CT

Eleven iridium-192 seeds encased in a nylon ribbon, with a total activity of 11 millicuries, used in a therapeutic implant of a patient's cheek, were reported lost. The patient said he removed the implant the night of August 10, 1987, and threw it on the floor. One of the nurses who had been on duty remembered seeing a piece of plastic on the floor, which she picked up and threw in

the trash. A radiation survey of the facility was performed by two inspectors from the Connecticut Department of Environmental Protection (DEP), which had been alerted by the licensee. At 1:30 p.m., on August 12, 1987, the seeds were found in the licensee's normal trash dumpster.

III-87-28 08/28/87 Upjohn Company
7000 Portage Rd
Kalamazoo, MI

A general licensed gas chromatograph unit containing a 2-millicurie nickel-63 source was reported missing during a routine inventory. The licensee conducted a search of all use and storage areas with negative results.

III-87-29 09/05-06/87 Soil and Material Engineers, Incorporated
3109 Spring Forest Road
Raleigh, NC

On September 5, 1987, thieves broke a window and stole a moisture/density gauge containing sealed sources of 10 millicuries of cesium-137 and 40 millicuries of americium-241-beryllium from the passenger compartment of a locked company pickup truck in Hamilton, Ohio. The gauge, with the sources locked in the shielded position, was in its carrying case. The licensee reported the theft to the local police. There was local broadcast and newspaper coverage of the theft. On September 6, 1987, the Hamilton police received an anonymous tip and recovered the gauge intact, with no damage and no abnormal radiation levels. (See also Category IV, Item 87-12.)

II-87-30 09/09-10/87 New Jersey State Police
Hammonton Barracks and
Atlantic City Expressway
Maintenance Facility
Hammonton, NJ

On September 9, 1987, road maintenance workers on the Atlantic City Expressway found a generally licensed luminous exit sign labelled as radioactive and containing 15 curies of tritium. On September 10, 1987, a Region I inspector went to the New Jersey State Police Hammonton Barracks and retrieved the device. Subsequently, tritium contamination was found in the Region I office where the sign was stored, and individuals who handled the sign were found to have small body burdens. The Region I office, the transport vehicle and the New Jersey Police Barracks were decontaminated. Tests of 14 police and maintenance workers indicated three individuals had body uptake which would result in a lifetime commitment of 10 millirem.

III-87-31 10/09-10/87 Edwards Pipeline Testing Company
205 S. Gillette Avenue
Tulsa, OK

On October 9, 1987, a radiography camera containing 225 millicuries of cesium-137 was lost in Arkansas. On October 10, 1987, a citizen found the camera and notified County officials who recovered the camera/source intact.

III-87-32 10/19/87 John F. Kennedy Medical Center
James Street
Edison, NJ

On October 19, 1987, three 0.5-millicurie iodine-125 seeds, formerly used for therapeutic patient implants, were reported missing. On October 20, 1987, the licensee recovered the seeds from the normal trash.

III-87-33 10/19/87 Materials Engineering Testing Service
State Highway 72 and Chestnut Avenue
Berlin, NJ

At 6:30 a.m., a Campbell Pacific Nuclear Model MC moisture/density gauge containing approximately 10 millicuries of cesium-137 and 50 millicuries of americium-241 was discovered to be stolen from a locked automobile, parked outside the employee's home in Philadelphia. The gauge, in a 1' x 1' x 2.5' case labelled with a Department of Transportation yellow 11 (caution) label, posed no problem to the public if the gauge remained intact. A press release was issued. (Also see Category IV, Item IV-87-13.)

III-87-34 10/20/87 Rutgers State University
Radiation and Environmental Health and Safety
Kilmer Building 4127
Piscataway, NJ

The licensee reported that 0.5 millicurie of phosphorous-32, contained in a liter of liquid waste in a 5-gallon plastic carboy labelled "Caution Radioactive Material," was missing from the Newark, New Jersey campus, where it had been housed with other radioactive containers. The licensee speculated that a researcher who needed the carboy may have dumped the phosphorus down the sink and taken the carboy to his laboratory. The remaining waste containers have been secured with a barrier.

III-87-35 11/16/87 Prestige Vacuum Forming Division
Holland, MI

On November 16, 1987, a static eliminator (air ionizer), Model 902, containing a sealed source with 10 millicuries of polonium-210 at the time of manufacture, was reported missing from the licensee's facility. On December 14, 1987, during a full maintenance shut-down of the plant, the eliminator was found.

III-87-36 11/21/87 Meyer, Tisio, and Hindo, Ltd.
Farmington Hills, NJ

At 1 a.m., a licensee employee allegedly was forced out of his car at the outdoor drive-up station of a fast-food restaurant in Detroit by gunmen who then allegedly drove off with the car. In the trunk of the car was the licensee's Troxler moisture/density gauge, Model 3411-B, containing 9 millicuries of cesium-137 and 40 millicuries of americium-241. The victim stated the source rod was in the "safe" position but not locked. The Detroit Police Department was notified. (See also Category IV, Item IV-87-16.)

III-87-37 12/07/87 Waterford
Louisiana Power and Light Company
St. Charles County, LA

At 8 a.m., personnel cleaning the warehouse found a canister labeled "caution radioactive material." The label indicated the canister contained two serialized sources: 0.2 microcurie of chlorine-36 and a 9.0-microcurie cesium-137 source, but the cesium-137 was discovered missing. The warehouse was searched using a survey instrument with negative results.

III-87-38 12/09/87 Syncor International Corporation
Ferndale, MI

At 11:45 a.m., a briefcase containing 25 millicuries of technetium, delivered to the Detroit Riverview Hospital hot lab on December 8, 1987, was discovered missing. The licensee, hospital security, and nuclear medicine personnel performed a radioactive search within the hospital with negative results.

III-87-39 12/09/87 University of Cincinnati
Cincinnati, OH

The licensee reported that a container of 3 millicuries of iodine-125 labelled "morphine," received on October 20, 1987, was missing. The radioactive material does not pose a threat to individuals unless taken internally. The licensee conducted an investigation with negative results.

III-87-40 12/9-23/87 Schlumberger Wells Services
Lake Charles, LA

At the request of the State of Louisiana, the Department of Energy conducted an aerial search in the Lake Charles, Louisiana area for a 1.5-curie cesium-137 well-logging source, discovered missing from its shielded container. The missing source was not found. Ground-based surveys were also done by the state and licensee personnel of all known locations at which the source may have been, including an offshore drilling platform, with negative results.

III-87-41 12/15/87 Wolf Creek
 Kansas Gas and Electric Company
 Coffey County, KS

A 400-microcurie strontium/yttrium-90 instrument check source was discovered missing during the licensee's routine semiannual technical specification source inventory and swipe test. The source has a surface dose rate (beta radiation) of approximately 10-15 rads per hour; the gamma component of this dose rate is negligible. The licensee conducted a search of power block areas and all calibration laboratory areas using visual, as well as beta and gamma sensitive radiation detectors, with negative results. The source was last physically sighted and swipe surveyed in June 1987; however, the licensee believes the source has remained on-site. The investigation will continue.

III-87-42 12/22/87 Mallinkrodt, Incorporated
 2703 Wagner Place
 Maryland Heights, MI

A molybdenum-99/technetium-99m generator, scheduled to have been delivered to a Fort Worth, Texas hospital on November 16, 1987, was reported missing. The generator was part of a shipment delivered to customers at various locations in Oklahoma and Texas by a courier service's truck. At each location, fresh generators were delivered and spent generators picked up for recycling. A search of the warehouse containing about 15,000 spent generators was conducted with negative results. On January 5, 1988, the licensee determined the generator was not delivered to the Fort Worth, Texas Hospital, as intended, and was mixed with used generators returned to the licensee and dismantled. (See also Category IV, Item IV-87-18.)

TRANSPORTATION-RELATED

- IB-62-01 07/16/62 National Lead Company
New York, NY
See Category III, Item III-62-02.
- IV-62-02 07/16/62 Lorain, OH, to St. Louis, MO
See Category III, Item III-62-03.
- IV-63-01 Early 1963 New Mexico to St. Louis, MO
See Category III, item III-63-01.
- IV-64-01 09/64 CEA, New York, to CEA, Saclay,
France
See Category III, Item III-64-05.
- IV-66-01 86/66 Fort Worth, TX, to Queens, NY
See Category III, Item III-66-02.
- IV-66-02 09/66 Seattle, WA, to New York
See Category III, Item III-66-04.
- IV-67-01 12/15/67 Transit to France
See Category III, Item III-67-06.
- IV-68-01 01/02/68 Westinghouse to EANCO, Inc.
See Category III, Item III-68-01.
- IV-69-01 02/05/69 Purdue University
Lafayette, IN
See Category III, Item III-69-01.
- IV-69-02 03/05/69 Goodyear Atomic Corporation, Portsmouth, OH,
to United Nuclear Corporation, Hematite, MO
See Category III, Item III-69-03.
- IV-69-03 03/11/69 New York City, NY, to Frankfort, Federal
Republic of Germany
See Category III, Item III-69-04.

- IV-69-04 04/04/69 Newark, NJ
See Category III, Item III-69-05.
- IV-69-05 06/08/69 B&W Lynchburg, VA, to
KAPL, Schenectady, NY
See Category III, Item III-69-08.
- IV-69-06 07/11/69 Monsanto Research Corporation, Dayton, OH,
to Houston, TX
See Category III, Item III-69-10.
- IV-69-07 08/05/69 Naval Radiological Defense Lab (NRDL),
San Francisco, CA, to
ATOMCHEM
Plainview, NY
See Category III, Item III-69-11.
- IV-69-08 10/24/69 D. Douglas Laboratory
See Category III, Item III-69-12.
- IV-70-01 04/16/70 Gulf General Atomics
San Diego, CA
See Category III, Item III-70-01.
- IV-70-02 04/28/70 Eldorado Mining, Canada, to
Westinghouse, Columbia, SC
See Category III, Item III-70-02.
- IV-70-03 05/16/70 Kerr-McGee Corporation, Cimarron, OK, to
Goodyear Atomic Corporation, Portsmouth, OH
See Category III, Item III-70-03.
- IV-71-01 01/20/71 Laramie, WY
See Category VII, Item VII-71-01 and next entry.
- IV-71-02 01/20/71 Ft. Collins, CO
A car attempted to force a Tri-State truck off the road. The incident was suspected to be labor-related. This incident occurred the same morning another Tri-State truck was shot at just north of the Colorado border in Wyoming (See VII-71-01). No damage to cargo.

- IV-80-02 04/16/80 Minneapolis-St. Paul, MN
See Category III, Item III-80-16.
- IV-80-03 04/18/80 Hittman Nuclear Development Corporation
Waukegem, IL
See Category VII, Item VII-80-03.
- IV-80-04 07/29/80 Pharmatopes, Oak Park, MI
See Category III, Item III-80-26.
- IV-80-05 09/20/80 Automation Industries
Phoenixville, PA
See Category III, Item III-80-31.
- IV-80-06 09/25/80 Gamma Diagnostic Laboratories
Attleboro Falls, MA
See Category III, Item III-80-32.
- IV-80-07 11/10/80 Mallinckrodt, Incorporated
St. Louis, MO
See Category III, Item III-80-35.
- IV-80-08 11/12/80 Minnesota Mining and Manufacturing Company (3M)
St. Paul, MN
See Category III, Item III-80-36.
- IV-80-09 11/25/80 United States Testing Company
Reading, PA
See Category III, Item III-80-37.
- IV-80-10 12/07/80 Mallinckrodt, Incorporated
St. Louis, MO
See Category III, Item III-80-38.
- IV-81-01 02/20/81 Mallinckrodt, Incorporated
St. Louis, MO
See Category III, Item III-81-03.
- IV-81-02 07/08/81 Beaver Valley
Duquesne Light Company
Beaver County, PA
See Category VII, Item VII-81-02.

- IV-84-05 02/23/84 Ohmart Corporation
 Cincinnati, OH

 See Category III, Item III-84-05.
- IV-84-06 04/17/84 International Wire Line Service
 Newton, IL

 See Category III, Item III-84-08.
- IV-84-07 06/19/84 Duane Arnold
 Iowa Electric Light and Power Company
 Linn County, IA

 See Category III, Item III-84-12.
- IV-84-08 06/22/84 Syncor Corporation
 Richmond, VA

 See Category III, Item III-84-13.
- IV-84-09 07/11/84 Ryder/Pie Nationwide, Incorporated
 South Windsor, CT

 See Category III, Item III-84-15.
- IV-84-10 09/19/84 Mallinkrodt Nuclear
 St. Louis, MO

 See Category III, Item III-84-19.
- IV-84-11 10/11/84 Yale University
 New Haven, CT

 See Category III, Item III-84-22.
- IV-84-12 11/20/84 Schlumberger Technology Corporation
 Houston, TX

 See Category III, Item III-84-24.
- IV-85-01 01/02/85 Accu-Ray Corporation
 Columbus, OH

 See Category III, Item III-85-01.
- IV-85-02 01/14/85 Nuclear Pharmacy, Incorporated
 Philadelphia, PA

 See Category III, Item III-85-02.
- IV-85-03 01/25/85 U.S. Army Chemical Corps School
 Ft. McClellan, AL

 See Category III, Item III-85-03.

- IV-85-04 02/13/85 Schlumberger Well Services
Houston, TX

See Category III, Item III-85-04.
- IV-85-05 02/20/85 Amersham Corporation
Arlington Heights, IL

See Category III, Item III-85-05.
- IV-85-06 02/04/85 Georgia Nuclear Services
Augusta, GA

See Category III, Item III-85-06.
- IV-85-07 04/03/85 Kaiser Cement and Gypsum Company
Permanente, CA

See Category III, Item III-85-10.
- IV-85-08 04/03/85 Amersham Corporation
Arlington Heights, IL

See Category III, Item III-85-11.
- IV-85-09 04/10/85 Syncor Corporation
Grand Rapids, MI

See Category III, Item III-85-12.
- IV-85-10 04/16/85 Amersham Corporation
Arlington Heights, IL

See Category III, Item III-85-13.
- IV-85-11 05/29/85 Research Products International Corporation
Mt. Prospect, IL

See Category III, Item III-85-18.
- IV-86-01 06/06/86 Patrick Engineering
Glen Ellyn, IL

See Category III, Item III-86-12.
- IV-86-02 10/12/86 Metcor, Incorporated
Passaic, NJ

See Category III, Item III-86-25.
- IV-86-03 11/8-9/86 U.S. Testing
State of California

See Category III, Item III-86-31.

IV-86-04 11/12/86 Minnesota Mining and Manufacturing Company
MN

See Category III, Item III-86-32.

IV-86-05 11/14-17/86 Geo-Tech, Incorporated
San Juan, PR

See Category III, Item III-86-33.

IV-86-06 12/01/86 Norland Instruments
Ft. Atkinson, WI

See Category III, Item III-86-34.

IV-86-07 12/12-15/86 Duane Arnold
Iowa Electric Light and Power Company
Linn County, IA

On December 15, 1986, the licensee discovered that a radwaste shipment from Duane Arnold consisting of spent incore nuclear detectors and control rod blades totalling about 20,000 curies was misrouted into the State of Minnesota. The shipment was being sent by rail (Burlington Northern Railway) to the U.S. Ecology Burial site near Hanford, Washington, via the states of Iowa, Nebraska, Wyoming, South Dakota, Montana, Idaho, and Washington. The governors of each of these states had been notified in accordance with 10 CFR 71.97. The shipment was returned to its original route.

IV-87-01 03/04/87 Summa Pharmacy
Philadelphia, PA

At 5:30 a.m., a licensee's vehicle carrying radiopharmaceuticals, technetium-99m, thallium-201 and iodine-123, was struck from behind by another vehicle in Plymouth Meeting, Pennsylvania. The shipping containers were found to be intact in the trunk of the vehicle, and no radioactive material was released. A licensee's representative took possession of the material.

IV-87-02 03/04/87 Summa Pharmacy
Philadelphia, PA

At 6:45 a.m., a licensee's vehicle containing radiopharmaceuticals hit another vehicle in Franklin Township, New Jersey. The radiopharmaceuticals, technetium-99m and thallium-201, were contained in precalibrated syringes inside a metal shipping container in the trunk of the vehicle. The container was found to be intact, and no radioactive material was released. The pharmacy delivered the radiopharmaceuticals to the intended recipient.

IV-87-03 03/10/87 Lixi, Incorporated
1438 Brook Drive
Downers Grove, IL

See Category III, Item III-87-06

IV-87-04 03/16/87 State of Florida
Peninsula Engineering and Testing
Gainesville, FL

See Category III, Item III-87-07

IV-87-05 04/07/87 Halliburton Company
Welex Division
Houston, TX

At 6 a.m., a well logging truck carrying two sealed sources in shipping containers, including a 1.5 curies cesium-137 source and a 18.5 curie americium-beryllium source, was severely damaged in a highway accident on Highway 270, three miles west of Geary, Oklahoma. The shipping containers were not damaged. The licensee performed a direct radiation survey at the scene of the accident, and no contamination was detected.

IV-87-06 06/16/87 General Electric Company
Wilmington, NC

At 4 p.m., a sea van containing approximately 21,000 pounds of low-enriched uranium oxide powder in 72 Model BU-7 shipping containers, enroute to Spain, sustained slight external damage at the Norfolk International Terminal at Hampton Roads, Virginia. As the sea van was being lifted by dock workers, the load shifted, causing a fall of about 6 feet. The van was intact, with a normal radiation reading of 0.5 mr/hour at the surface. Radiation surveys showed that a spread of contamination had not occurred. The shipping containers sustained minor damage; some of the bands which were used to secure the four drums to each pallet had been broken (5 bands are used on each pallet). None of the tamper-safing seals (used for safeguards purposes) had broken. The licensee returned all of the containers to the Wilmington site for inspection of the inner containers.

IV-87-07 07/17/87 State of Ohio
Mobile Inspection Services, Incorporated
2104 River Road
Mansfield, OH

See Category III, Item III-87-21

IV-87-08 07/22/87 Troxler Electronics Lab., Incorporated
Research Triangle Park, NC

See Category III, Item III-87-22

IV-87-09 07/28/88 State of Maryland

See Category III, Item III-87-23

IV-87-10 08/06/87 Professional Services Industries, Incorporated
Oak Brook, IL

See Category III, Item III-87-25

IV-87-11 09/04/87 Syncor Corporation
Chicago, IL

A delivery vehicle carrying radiopharmaceuticals collided with another vehicle near Crown Point, Indiana. There was no damage to the radiopharmaceutical packages and no release of radioactive material. The packages were retrieved and the delivery completed to the intended recipient.

IV-87-12 09/05-06/87 Soil and Material Engineers, Incorporated
3109 Spring Forest Road
Raleigh, NC

See Category III, Item III-87-29

IV-87-13 10/19/87 Materials Engineering Testing Service
State Highway 72 and Chestnut Street
Berlin, NJ

See Category III, Item III-87-33

IV-87-14 10/26/87 Eastern Testing and Inspection, Incorporated
Pennsauken, NJ

At 11 a.m., a truck carrying a radiography exposure device containing 17 curies of iridium-192 overturned in the vicinity of Hightstown, New Jersey. The exposure device was thrown clear of the truck and remained contained in the shielded shipping container. The source was retrieved by the licensee and returned to the licensee's facility in Pennsauken.

IV-87-15 11/19/87 Oyster Creek
GPU Nuclear Corporation
Ocean County, NJ

At 9:10 p.m., a tractor trailer truck carrying a cask of dewatered resin from Oyster Creek to North Carolina was involved in an accident in Carrysburg, North Carolina. There was no spill, no contamination, and no damage to the cask. After one hour the truck continued on to North Carolina.

IV-87-16 11/21/87 Meyer, Tisio and Hindo, Ltd.
Farmington Hills, NJ

See Category III, Item III-87-36

IV-87-17 11/22/87 Quadren, Incorporated
Oak Ridge, TN

At 1:30 a.m., a tractor trailer carrying six metal boxes containing radioactive waste with a total radioactivity of 375 millicuries overturned on Interstate-80, about 25 miles west of Cheyenne, Wyoming, spilling the contents of five boxes onto the median. State responders and the fire department from Warren Air Force Base near Cheyenne covered the spill with tarpaulins. Wyoming's Radiological Health Services monitored the cleanup and ascertained that no radioactivity above normal background levels was present. The material was repackaged and returned to the company's facilities.

IV-87-18 12/22/87 Mallinkrodt, Incorporated
2703 Wagner Place
Maryland Heights, MI

See Category III, Item III-87-42

TAMPERING/VANDALISM

V-74-01

02/22/74 Montague, MA

The top three-quarters of a 500-foot meteorological tower was toppled by the deliberate loosening of the guying cables. The tower was instrumented to record environmental data.

V-74-02

Summer 1974 Trojan
Portland General Electric Company
Columbia County, OR

Vandalism was a problem during construction. An intricate web of hand-shaped copper tubes were smashed by hammer.

V-74-03

Summary 1974 Zion
Commonwealth Edison Company
Lake County, IL

Valves and switches were found in the wrong position and other valves repeatedly failed. A disgruntled employee was suspected of vandalism. Fuel present at site.

V-78-01

05/29/78 Skagit Units 1 & 2
Puget Sound Power and Light Company
Skagit County, WA

The 196-foot meteorological tower was toppled by the deliberate loosening of the four turnbuckles on the guy wires. The November 13th Faction, an anti-nuclear group, claimed responsibility. The event was timed to coincide with the May 31 - June 1, 1978 Energy Conference in Seattle. Plant status: Under construction. Fuel not present at site.

V-78-02

12/13, 24 Summer
& 27/28 South Carolina Electric and Gas Company
Fairfield County, SC

Fires, due to apparent vandalism, occurred at the Summer construction site on December 13, 24, and 27, 1978. An auxiliary building wire run, one portable toilet in a building under construction, two exterior portable toilets, one AC electrical panel, and the control room roof were the locations of the fires. No personnel injuries resulted. Total damage was estimated at less than \$5,000. An employee believed responsible for at least one of the fires terminated his employment. Security measures were increased. Fuel not present at site. (See also Category VI, Item VI-78-01.)

V-79-01 05/07/79 Surry
 Virginia Electric & Power Company
 Surry County, VA

While conducting inspections of new fuel, the licensee found that plastic protective liners on 62 of 64 assemblies had been tampered with. Further inspection revealed that a white crystalline substance had been poured onto the assemblies. The substance was found to be sodium hydroxide. The new fuel was stored, along with spent fuel, in a locked and alarmed building. Access there was only issued to site personnel after they had passed a background screening. The licensee strengthened access control measures. On June 18, 1979, two individuals were arrested for their involvement in damaging new fuel assemblies.

V-79-02 05/09/79 Surry
 Virginia Electric & Power Company
 Surry County, VA

At 8 a.m., the licensee determined that someone had vandalized an oscilloscope by using a liquid solution of borax and water on it. The oscilloscope (value of \$4,000) was in an unlocked, protective case and stored in a locked building outside the protected area. No relationship to the vandalism of new fuel assemblies discovered on May 7, 1979, was established. Subsequently, an employee admitted to vandalizing the oscilloscope, but did not admit any involvement in damaging new fuel assemblies.

V-79-03 05/30/79 Midland
 Consumers Power Company
 Midland County, MI

Approximately 20 electrical wires were apparently cut intentionally in four safety and non-safety related panels in the control room. It appeared that the wires were cut using electrical pliers. The control room was not normally manned during the night shift. In addition, glass was found broken in six electrical relay covers. Plant status: Under construction. Fuel not present at site.

V-79-04 06/25/79 Watts Bar
 Tennessee Valley Authority
 Phea County, TN

At 9:30 a.m., the licensee reported that while personnel were making cable checks, an electrical conductor within a single cable for the Unit 1 containment spray system was found cut. The sheathing had been replaced around the cut. In addition, two conductors in a Unit 2 safety-related electrical panel were found with insulation cut away from the cable. Fuel not present at site.

V-79-05 08/10/79 Saginaw City Government
Saginaw, MI

Children vandalized a moisture/density gauge containing 10 millicuries of cesium-137 and 50 millicuries of americium-241 at a road construction site in Saginaw, Michigan. During the incident, the gauge was dropped and damaged. The radioactive sources remained intact. A local county health department survey indicated no contamination of abnormal levels of radioactivity.

V-79-06 10/16/79 Watts Bar
Tennessee Valley Authority
Spring City, TN

At 2 p.m., the licensee discovered that an unknown individual(s) had placed a 3/16-iron wire around a 480-volt AC bus in the auxiliary building. It was determined that if an individual had touched the wire, he could have damaged the board and hurt himself. Fuel not present at site.

V-79-07 12/03/79 Quad Cities
Commonwealth Edison Company
Rock Island County, IL

When the reactor operator performed a valve verification check at midnight, he found two valves closed for no apparent reason. The valves were immediately returned to the open position (the status specified by operating procedures). The valves had last been verified as open at 8 a.m. There was apparently no maintenance or surveillance testing performed on the system on the day in question. As the valves' switches were separated by at least six feet, it appeared that knowledgeable plant employee(s) perpetrated this act. The licensee increased the frequency of the valve verification procedure and notified Federal authorities. Fuel present at site.

V-80-01 01/23/80 Callaway
Union Electric Company
Callaway County, IL

The licensee informed the NRC resident inspector that five cables were found cut in the cable spreading room. One of the cables was safety-related. None of the cables was energized or terminated. Fuel present at site.

V-80-02 02/80 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

An investigation was conducted of several unexplained reactor trips that were suspected to be the result of vandalism. The investigation proved inconclusive. Fuel present at site. (See also Category VII, Item VII-80-02.)

V-80-03 02/05/80 Commanche Park
Texas Utilities Generating Company
Somervell County, TX

Malicious damage to a part of the Unit 2 diesel generator was discovered. The vandalism apparently occurred over the weekend, when someone used the overhead chainfall to loosen apparatus associated with the generator. Fuel not present at site.

V-80-04 03/01/80 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

An employee was alleged to have told a control room operator that on July 13, 1979, he entered the site by boat, entered the pump-house and tripped a pump. An investigation found that a pump had tripped at 11:10 p.m. on that day, and no mechanical or electrical cause had been identified. During an interview, the employee denied that he had entered the site on July 13, 1979. Tripping the pump (one of four) did not affect the safe operation of the plant. The pump was not a protected or vital area and was not under surveillance. Fuel present at site.

V-80-05 04/18/80 Clinton
Illinois Power Company
Dewitt County, IL

The licensee reported that some vandalism and theft had taken place at the construction site on the second shift. The equipment affected was non-safety-related. The vandalism/theft included: the theft and valves from 10 instrument cabinets; a hydraulic motor smeared with anti-siege compound; and the removal of supports from weld preheat installations. The licensee increased security. Fuel not present at site.

V-80-06 04/21/80 Wolf Creek
Kansas Gas & Electric Company
Coffey County, KS

The site quality assurance engineer notified NRC of the suspected vandalism of electrical cables. Twenty-four cables, in a run of forty, had been cut at the point where they penetrated the radwaste building and had been pushed back into the penetration opening. All 24 cables had been cut through the external jacket to the conductor insulation. Some had been cut through the individual conductor insulation to the wire. The cables were non-safety-related. Fuel not present at site.

V-80-07 09/10/80 Salem
Public Service Electric and Light Company
Salem County, NJ

After a reactor trip and initiation of auxiliary feed water flow, an anonymous caller notified the chemistry staff of problems with the hydrazine addition tank (which adds hydrazine to auxiliary

feedwater). Samples were immediately taken of the tanks, which indicated sodium (500 parts per million) and chloride (1,200 parts per million) contamination. The tank, not used for chemical additions since June, 1980, was removed from service. An extensive investigation of the probable vandalism was subsequently carried out. Fuel present at site.

V-80-08 10/01/80 Browns Ferry
 Tennessee Valley Authority
 Limestone County, AL

A fire hose in the Unit 2 turbine building was found cut in several places. Remaining fire hose stations and related fire equipment were checked. No further fire protection equipment damage was identified. Fuel present at site.

V-81-01 01/05/81 Fitzpatrick
 Power Authority of the State of New York
 Oswego County, NY

A burning piece of cardboard was discovered among benches behind a turbine building ventilation fan. The fire, extinguished without fire brigade assistance, might have been intentionally set. Fuel present at site.

V-81-02 01/27/81 Susquehanna
 Pennsylvania Power and Light Company
 Luzerne County, PA

The licensee reported that an electrical power cable in the Unit 1 reactor building was found cut. The cable supplied control power to a reactor building's closed water-containment isolation valve. Fuel not present at site.

V-81-03 02/26/81 Callaway
 Union Electric Company
 Callaway County, MO

The licensee discovered a severed cable conductor (missing a three-inch length) in the rear of an equipment cabinet in the control building. Fuel not present at site.

V-81-04 03/13/81 Callaway
 Union Electric Company
 Callaway County, MO

The licensee discovered that several leads had been cut and several indicating lights had been removed from a safety-related switchgear cabinet. Fuel not present at site.

V-81-05 06/06/81 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

During a routine operator tour at about 1 a.m., a manual valve in the high head safety injection pumps' common suction line was found shut. It was immediately reopened. The valve had been verified open at 4:30 p.m. the day before. The chain and padlock normally securing the valve were not found. At 9 a.m., the day before, similar locks and chains had been found removed from three auxiliary feedwater pumps' manual suction isolation valves, although these valves were open, in their normal positions. These locks and chains had not been found either. Fuel present at site.

V-81-06 08/18/81 Nine Mile Point
 Niagara Mohawk Power Corporation
 Oswego County, NY

During a routine diesel generator operability surveillance test, a diesel generator failed to start because a pet cock drain on the fuel oil final filter housing had been tampered with. The pet cock was then aligned correctly, and the generator was subsequently started. Licensee personnel immediately checked the diesel generator supplying the other power train for the unit in question and found the analogous pet cock misaligned. It was then aligned correctly. The subsequent investigation confirmed that the generators' pet cocks were intentionally tampered with, but failed to identify the responsible party or parties. Fuel present at site.

V-81-07 10/03/81 Palisades
 Consumers Power Company
 Van Buren County, MI

At 6:40 p.m., a contractor employee discovered an electrical cable that had apparently been vandalized. The safety-related cable, part of modifications being made during an ongoing outage, was found with the wire cluster insulation cut and approximately one-half of the individual wires severed. Fuel present at site.

V-81-08 10/14/81 Dresden
 Commonwealth Edison Company
 Grundy County, IL

During routine rounds by an equipment operator, the Unit 3 diesel generator emergency fuel shutoff valve was found mispositioned. The valve was immediately returned to its proper alignment. A check of the other diesel generators was made, and the systems verified to be operational. Fuel present at site.

V-81-09 12/01/81 Perry
Cleveland Electric Illuminating Company
Lake County, OH

A handful of metal filings was discovered in the SCRAM discharge volume piping during the initial system checkout and flushing operation. Plant status: Under construction, with the unit in question approximately 70% complete. Fuel not present at site.

V-81-10 12/07/81 Fermi
Detroit Edison Company
Monroe County, MI

The licensee reported three cases of apparent vandalism in the residual heat removal building. In each case, a blunt object was used to dent small components (a 2-inch globe valve, a 1-inch stainless steel line, and a 90-degree elbow). Fuel not present at site.

V-82-01 02/22/82 Perry
Cleveland Electric Illuminating Company
Lake County, OH

While installing cables in the emergency shutdown panel, construction personnel discovered that a factory-installed wire bundle had been cut. The subsequent licensee inspection determined there was no other damage to other electrical panels. Fuel not present at site.

V-82-02 03/05/82 Indian Point
Consolidated Edison Company
Westchester County, NY

An unlicensed source containing 8 microcuries of cesium-137, used to check survey instruments, was found smashed in a bathroom in a controlled area. It had been taken from an instrument locker. Fuel present at site.

V-82-03 04/28/82 Salem
Public Service Electric and Gas Company
Salem County, NJ

At 3:50 p.m., a steam generator feedwater pump tripped while the plant was operating at 100 percent power. The licensee's investigation determined that an isolation valve and a vent valve were mispositioned. No manipulation of the valves had been authorized. The licensee concluded that this was a deliberate act to trip the plant. Labor union contract negotiations were in progress. Fuel present at site.

V-82-04 05/01/82 Salem
Public Service Electric and Gas Company
Salem County, NJ

At 10:55 a.m., a control room operator, noting that the wide range level recorder for a steam generator had not been operating, initiated an investigation. At 3:45 p.m., an instrument and control engineer found two terminals in the hot shutdown panel shorted by a metal cable clip. This had caused the failure of the wide range level recorder for the steam generator. A review of the recorder trace revealed this failure occurred between 1 and 2 p.m., on April 28, 1982. Subsequently, the licensee completed an investigation of work in the hot shutdown panel area and found that authorized modification work had been conducted in the cabinet. Fuel present at site.

V-82-05 05/14/82 Brunswick
Carolina Power and Light Company
Brunswick County, NC

During an outage, twelve in-core source-range monitoring and intermediate-range monitoring neutron detector tubes were found bent where the tubes exited the reactor vessel. The licensee's investigation indicated that the damage occurred between May 12 and 14, when maintenance contractors were working below the reactor vessel on control rod assemblies. Fuel present at site.

V-82-06 08/09/82 Salem
Public Service Electric and Gas Company
Salem County, NJ

The senior shift supervisor ordered that Unit 1 be tripped, due to steam feed flow mismatch and decreasing levels in the steam generators. All safety systems responded normally to the manual trip. A subsequent investigation into the cause of the event determined that the No. 12 station essential controls inverter breaker was in the "off" position. Tests determined that this position was not associated with any automatic protection action, but could only be achieved manually. Thus, deliberate action was suspected. As an immediate action, the licensee performed a number of surveillances of safety-related equipment for both units, including start verification of rotating emergency core-cooling system equipment, start test and loading of the emergency diesel generators, critical valve lineup verification, inspection of various motor control centers and safety related panels. Licensee personnel also increased the roving patrols throughout the power block. No other discrepancies were found. The plant resumed operation at 8:50 a.m. on August 10. Fuel present at site.

V-82-07

08/16/82

Salem
Public Service Electric and Gas Company
Salem County, NJ

At 5 p.m., a shift equipment operator on tour in Unit 2 found the manual isolation stop valves for each set of two air start motors (four total) for the 2C diesel generator in the shut position. This would have prevented automatic or manual start of the diesel generator (one of three). The subsequent investigation by site personnel found no reason for the position of the valves to have been changed, since they had verified open at about 5 p.m. on August 15, during the previous operator tour. Due to the possibility of deliberate tampering, the licensee conducted operability checks of all remaining emergency core cooling equipment; started and loaded all diesel generators; inspected various motor control centers and safety-related electrical panels; and sampled all fuel and water tanks. An increase in the number of roving patrols throughout the power block was still in effect because of the August 9, 1982, incident at the same plant (see Item V-82-06). On August 18, the NRC issued a confirmatory action letter formally confirming licensee commitments to: 1) verify the operability of safety-related equipment; 2) remove from plant vital areas all personnel not essential to continued safe operation of the plant; 3) discontinue work in vital areas not essential to continued safe operation of the plant, to the satisfaction of previous commitments, or to meet the outage work schedule; and 4) implement more stringent controls for access to vital equipment. Fuel present at site.

V-82-08

09/03/82

Salem
Public Service Electric and Gas Company
Salem County, NJ

Licensee personnel, investigating the cause of an unplanned gaseous radioactive release from unit 1 auxiliary building, found an open drain valve on the vent line from the volume control tank. No authorization had been given to manipulate this valve. The licensee's initial conclusion was that this was an act of tampering. The licensee immediately conducted operability checks of essential safety-related equipment, in addition to the precautionary measures committed to in the NRC confirmatory action letter (see Item V-82-07). The total radioactive release resulting from the open valve, from approximately 11 a.m. to 8 p.m., was estimated to be 19 curies of xenon-133. This was well within the regulatory limits for routine radioactive releases. The licensee subsequently conducted a detailed review and investigation that revealed that the valve would open after being repeatedly struck by a nearby cage door during entry into this area. The presence and contamination of a maintenance crew at the time the release began and the absence of knowledge or report of anyone else entering into the immediate area substantiated the conclusion that the valve opening was accidental rather than the result of tampering. Fuel present at site.

V-82-09 11/18/82 Maine Yankee
Maine Yankee Atomic Power Company
Lincoln County, ME

An investigation by the licensee indicated intentional tampering with the oil reservoir for the No. 1 reactor coolant pump, sometime after the evening of November 15, and before 2:30 p.m., on November 18. Additionally, debris, similar to that recovered from the oil reservoir, was found in the containment area where pipefitting operations had taken place during the current refueling outage. No further indication of tampering was found. Fuel present at site.

V-83-01 03/18/83 Washington University
St. Louis, MO

A hematology laboratory was found to have been vandalized. Laboratory coats and upholstered furniture had been shredded. Sulfuric acid had been poured on instruments. A vial which had contained 2 to 4 millicuries of iodine-125 was found almost empty. Air samples taken showed airborne concentrations of iodine-125 were within regulatory limits. The licensee reported that a research assistant admitted that she was responsible for the vandalism.

V-83-02 04/26/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

The licensee discovered gouges in a coolant pipe, about 3/16 inches deep, which were possibly caused by an implement such as a hand rotary grinder. The pipe ran from a coriant pump to the reactor vessel at Unit 1. An investigation found no indications of who was responsible for the gouges or how they had occurred. Fuel present at site.

V-83-03 06/15/83 Beaver Valley
Duquesne Light Company
Beaver County, PA

With the plant in cold shutdown and with one reactor coolant pump maintaining reactor temperature, the control room received a low seal flow alarm and lost indication of seal leak-off flow on one reactor coolant pump. The investigation into the cause of the problem found a valve closed. The valve, normally open, was located in the containment area on the basement level. The valve was in a high-traffic area. There was no major work going on in its immediate vicinity. The licensee immediately shut down the reactor coolant pump, which was not required to be operating, and checked all required safety-related systems. The licensee investigated and interviewed personnel working in the containment area at the time of the incident. On June 17, 1983, an investigation by the FBI concluded that there was no evidence of deliberate equipment tampering and that the valve could have been inadvertently closed. Fuel present at site.

V-83-04 06/20/83 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

During plant refueling, a quality control inspector was performing an inspection of cable termination in the new nuclear services electrical building (NSEB) (still under construction) when he discovered three non-safety-related cables that had been cut near their terminations. There were more than 100 electricians working in the building. Over 300 of 650 workers had been laid-off during the previous two weeks, with another 100 expected to be laid-off by June 25, 1983. On the day before, two meters on the front of equipment on another floor of the NSEB were found smashed. The licensee conducted an investigation to determine who cut the cables and smashed the meters, but the investigation was inconclusive. Fuel present at site.

V-83-05 06/28/83 Millstone
Northeast Nuclear Energy Company
New London County, CT

A contractor craft worker discovered 20 severed cables in an unfinished portion of the control building, Unit 3, at the termination/penetration of a duct bank connecting to the intake structure. Eight of the 20 control cables were safety-related. The licensee conducted an investigation, but it was inconclusive. Fuel present at site.

V-83-06 07/15/83 LaSalle
Commonwealth Edison Company
LaSalle County, IL

During monthly surveillance testing, one of two level switches for low-level setpoints in Division I failed to respond. The failed level switch was one of two redundant switches required to trip to initiate the Division I emergency core cooling systems. Reversed electrical leads for the level switch caused the failure. The previous monthly testing, on June 17, had indicated that the leads were properly positioned. Investigations by the licensee and NRC provided no definitive explanation for the reversed leads. The licensee corrected the problem and increased surveillance in the area. Fuel present at site.

V-83-07 07/26/83 Susquehanna
Pennsylvania Power and Light Company
Luzerne County, PA

A routine licensee check showed that a drywell sump was not being automatically pumped down. Further checks showed that the inboard containment isolation valve for the sump pump discharge would not open. Maintenance personnel found two leads reversed in the control circuit cabinet, preventing opening of the valve on signal. Because it was in the shut position, safety was unaffected. The licensee reviewed access records and questioned all technicians who were

in the area during that time, but did not find the perpetrator. The licensee subsequently locked the panel in which the leads were found reversed. Fuel present at site.

V-83-08 08/31/83 D. C. Cook
 Indiana & Michigan Electric Company
 Berrien County, MI

During major maintenance of the Unit 1 diesel generator, an oil gauge was damaged. Investigation indicated that it was not damaged through routine repair. The licensee interviewed all individuals known to have been in the area when the damage was thought to have occurred. Three suspected individuals had their employment terminated. During an FBI polygraph test, one confessed to damaging the oil gauge. He was a temporary contractor hired as a fire watch. The other two individuals were reinstated. Fuel present at site.

V-84-01 01/16/84 Trojan
 Portland General Electric Company
 Columbia County, OR

The licensee discovered that the hoses on two fire extinguishers (hand-held type) were cut. The licensee determined that they would not have functioned had they been called into service. The FBI was notified. Fuel present at site.

V-84-02 02/04/84 Hatch
 Georgia Power Company
 Appling County, GA

While licensee personnel were performing grinding operations to prepare a section of replacement recirculation-system piping for installation, it was discovered that the motive air for the grinding tool contained a foreign, acidic substance. The grinding operation was being done in a pipe preparation area, outside the protected area. The tool air system was independent of the plant air systems. It was suspected that the introduction of the acidic substance was intentional. The FBI was informed. Fuel present at site.

V-84-03 02/07/84 Palo Verde
 Arizona Public Service Company
 Maricopa County, AZ

At 7:30 a.m., electricians found 22 instrumentation cables in the upper cable spreading room that appeared to have been deliberately cut. Inspection led to the discovery of more damage. In the west diesel generator room, several safety-related instrumentation conduits associated with diesel fuel measuring were found bent and mashed. In an area adjacent to the upper cable spreading room, two safety-related instrumentation cables were found cut. In the control room, six small vendor wires located in an annunciator

panel were cut. In the radwaste building, 20 to 25 small wires inside a panel were found cut. Unit 3 was about 60 percent complete at the time. The FBI was notified. No perpetrators identified. No fuel present at site.

V-84-04 03/06/84 Watts Bar
 Tennessee Valley Authority
 Rhea County, TN

At 10:15 p.m., an engineer attempted to reactivate a 480-volt relay board in a shutdown board room of the auxiliary building. After hearing a loud noise, accompanied by sparks, he found a singed 12-inch metal file lying on the floor of the electrical cabinet. Numerous individuals had been working on this system throughout the day. Suspecting vandalism, the licensee notified the FBI. Fuel present at site.

V-84-05 03/30/84 Palo Verde
 Arizona Public Service Company
 Maricopa County, AZ

Three safety-related wires were found cut in an electrical cabinet in the computer room of Unit 3. The FBI was notified, and \$20,000 in rewards was offered by the licensee, the Bechtel Power Corporation, the Phoenix Building Trades Council, and El Paso Electric Company for information leading to the arrest and conviction of responsible parties. No perpetrator identified. Fuel not present at site.

V-84-06 04/18/84 Maine Yankee
 Maine Yankee Atomic Power Company
 Lincoln County, ME

During a shutdown for refueling, a member of the plant staff found a new 2.5-inch long nail wedged into the windings of the main generator. Evidence suggested that the nail had been recently entered. The generator was in a non-vital area and was unattended during non-working hours. The licensee posted a security guard in the area during non-working hours and increased surveillance in vital areas. Fuel present at site.

V-84-07 05/22/84 Midland
 Consumers Power Company
 Midland County, MI

During a routine surveillance in the low cable spreading room, the licensee discovered three non-safety-related partially cut electrical cables with an attached sign reading "10% CUT." The vandalism was believed to have been prompted by a recently imposed 10% pay cut for manual craft workers. Fuel not present at site.

V-84-08 06/20/84 Midland
Consumers Power Company
Midland County, MI

Four non-safety-related electrical cables in a vertical cable tray in the turbine building were found cut. A tag stating "10% CUT" was attached to the cables. A similar tag was found in an earlier incident. (See Item V-84-07.) Fuel not present at site.

V-84-09 07/01/84 Midland
Consumers Power Company
Midland County, MI

A security guard discovered a single, cut non-safety-related cable in the Unit 2 electrical penetration area, in a readily visible area. This was the fourth occurrence of cut non-safety-related cables in this area. The licensee increased interior patrol coverage and investigated. Fuel not present at site. (See Items V-84-07, V-84-08, and V-79-03.)

V-84-10 07/04/84 Callaway
Union Electric Company
Callaway County, MO

At 3:10 p.m., control room ventilation and containment purge isolation signals were initiated due to a loss of power to three process radiation monitors. Further investigation by the plant staff revealed manually opened, rather than tripped, power supply breakers in the 120-volt distribution panel which supplies the radiation monitors. Fuel present at site.

V-84-11 08/22/84 Cook
Indiana and Michigan Electric Company
Berrien County, MI

At 12:01 a.m., during an eighteen-month fire system test, the licensee found that a supply damper in the heating, ventilation, and air conditioning duct for the control room cable vault had been propped open with a piece of conduit. In this configuration, the damper would not have closed upon carbon dioxide system injection, thus rendering the fire suppression system inoperable. The conduit was removed, and the damper tested satisfactorily. Fuel present at site.

V-84-12 09/05/84 Combustion Engineering
Hematite, MO

The licensee reported a number of acts of vandalism. Tires of a truck parked outside the protected area were punctured. The truck was loaded with a shipment of low-enriched uranium powder. On September 24, three lights in a parking lot were shot out, apparently with a pellet gun. Also 25 other lights, controlled automatically, failed to turn on as scheduled. A car was also found blocking the

entrance to the plant. These acts of vandalism may have been related to a strike by union personnel which started on September 5. The State of Missouri was notified.

V-84-13 11/24/84 San Onofre
Southern California Edison Company
San Diego County, CA

At 5:30 a.m., an unidentified worker was seen posting a handwritten notice inside a Unit 2 men's room. The notice, dated January 1, 1985, was addressed to all "hands" and cited the upcoming wage reduction for craft workers. It stated "Cut a wire or turn a valve for the wage earner." The notice was immediately removed and turned in to the site security office. Fuel present at site.

V-84-14 12/04/84 River Bend
Gulf States Utilities
W. Feliciana Parish, LA

The licensee discovered hardware pieces (5-inch knuckles used to clamp scaffolding pipes together) in a residual-heat-removal test return line. Reduced flow in the line had been observed for some time. The system was last opened in April 1984, when the pieces might have been accidentally or purposely placed in the pipe. Because hundreds of workers could have had access to the area, identification of responsible person(s) was not possible. Fuel not present at site.

V-85-01 02/15-19/85 LaSalle
Commonwealth Edison Company
LaSalle County, IL

Between February 15 to 19, 1985, station personnel identified one safety-related and three non-safety-related valves to be in off-normal positions. Also, a vital electrical bus breaker was found manually opened. An investigation was conducted to determine whether intentional tampering was involved, but results were inconclusive. Fuel present at site.

V-85-02 05/14/85 Braidwood
Commonwealth Edison Company
Will County, IL

More than 120 internal wires were cut in the non-safety-related radwaste volume-reduction control panel. The security department investigated the incident, and a contractor was subsequently identified as a suspect in the case (see Item V-85-04). Fuel not present at site.

V-85-03 05/15/85 Nuclear fuel Services
Erwin, TN

Minor vandalism occurred in the employees change room. This probably occurred as a result of union contract activities.

Negotiations for a new union contract had previously broken off, and the existing contract was expiring at midnight. FBI and local law enforcement officials were alerted.

V-85-04 05/25/85 Braidwood
Commonwealth Edison Company
Will County, IL

Numerous gauges and meters were found broken, and some heating, ventilation, and air conditioning instrumentation lines were cut in the 1A and 1B emergency diesel generator rooms. An investigation had been ongoing since an earlier vandalism incident on May 14, 1985 (see Item V-85-02). On June 12, 1985, a contractor employee was confronted with the facts of the vandalism incidents and was told that he was being barred from access to all Commonwealth Edison sites. The individual did not admit to the vandalism, but did leave the site without incident. Fuel not present at site.

V-85-05 06/05/85 Davis-Besse
Toledo Edison Company
Ottawa County, OH

The licensee reported two unexplained incidents of misaligned equipment that had no effect on plant operation. The first incident involves the misadjustment of a second-stage reheat valve used for pressure reduction in the reheater lines. The second incident involves an open breaker for a motor-operated containment-spray isolation valve. Both anomalies were discovered by control room indicators. The licensee conducted an investigation, increased surveillance, and heightened personnel sensitivity to potential anomalies. Fuel present at site.

V-85-06 06/21/85 Nuclear Fuel Services
Erwin, TN

Because of a hearing requested by the licensee, five union personnel were arrested, fined, and received jail sentences for obstructing the progress and damaging buses carrying nuclear fuel services management personnel to and from the plant. Additionally, a prospective employee was beaten by union personnel after leaving the plant, and his automobile tires were slashed.

V-85-07 07/08/85 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

While performing hot functional testing, the atmospheric dump valves and auxiliary-pressurizer spray valve were operated from a location other than the control room. The control room operators did not have control. Shortly thereafter, control was regained in the control room. The licensee suspected unauthorized manipulation of the valves from the remote shutdown panel. No perpetrator was identified. Fuel present at site.

V-85-08 07/26/85 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

While preparing to cool down from a 55-day hot functional test run, the Unit 2 control room received an alarm indicating that a breaker control switch had been operated without authorization from the "remote" position to the "local" position. The switch was located outside the control room in the "D" battery charger/inverter room. No perpetrator was identified. Fuel present at site. (See Item V-85-07.)

V-85-09 07/30/85 Callaway
Union Electric Company
Callaway County, MO

As a result of failed surveillances, the licensee determined that the trip set point on the over-current relay for the containment spray pump IB had been reduced from the set point of 40 AMPS to 19.5 AMPS. Evidence that the wire seal had been removed and replaced, along with the changed set point, led the licensee to identify the event as "potential tampering." The licensee began an investigation, verified the operability of pump 1A, and visually determined that all other relays in the area were normal. All operations' shifts were briefed to heighten their awareness of these circumstances. Fuel present at site.

V-85-10 08/15/85 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

At 9:50 a.m., the Unit 1 control room received an alarm indicating that a breaker control switch may have been operated without authorization, or inadvertently operated, from the "remote" position to the "local/remote" position. The switch operated was the 125 volt DC "D" battery charger disconnect switch located outside the control room in the "D" battery charger/inverter equipment room. This switch was identical to the one reported to have been operated without authorization in Unit 2 on July 26, 1985. Operator response to the alarm noted no personnel in the area. No perpetrator was identified. Fuel present at site. (See Item V-85-08.)

V-85-11 11/08/85 Comanche Peak 2
Texas Utilities Electric Company
Somerville County, TX

On November 8, 1985, the licensee discovered a large number of wires cut in the automatic turbine test control panel in the Unit 2 control room. The nature of the damage indicated that vandalism might have been the cause. Fuel present at site.

V-86-01 01/09/86 Vermont Yankee
Vermont Yankee Nuclear Power Company
Windham County, VT

At 2:40 p.m., the fire protection deluge system for the auxiliary transformer was manually actuated by an unknown person at a local fire box. No fire existed. No damage to the plant resulted. The licensee concluded that the deluge system actuation was an intentional act of tampering or harassment. The reactor had been defueled for an extended piping replacement outage, and station power was being provided by the startup transformers. The licensee's primary contractor for the recirculation pipe replacement outage had taken a job action against 49 welders within the 24-hour period before the incident. However, no direct connection between these two events was established. None of the affected welders was on-site at the time of the actuation. No perpetrator was identified. Plant status: Operational. Fuel present at site.

V-86-02 02/07/86 South Texas
Houston Lighting & Power Company
Matagorda County, TX

The licensee found two relays doused with oil in the shutdown panels. The licensee investigated with negative results. Plant status: Preoperational. Fuel not present at site.

V-86-03 03/03/86 Comanche Peak
Texas Utilities Generating Company
Sommerville County, TX

Three cases of willful damage to instrumentation were reported. In the reactor containment building, one piece of tubing had been cut, and sections of the instrumentation tubing had been removed. A third case was found in the safeguards buildings by instrumentation workman who noticed a suspicious-looking fitting and, on closer examination, determined that the pressure-fitting ferrel had been removed and the nuts had been retightened to hide the missing ferrel. The licensee investigated with negative results. Plant status: Preoperational. Fuel present at site.

V-86-04 04/23/86 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

At 5:30 p.m., a contractor electrician verifying a jumper installation identified a cut wire in an engineered safety features relay cabinet in the outer periphery of the Unit 3 control room. Unit 3 was in the early phase of preoperational testing, and the cabinet was not energized. The wire was safety-related (associated with the containment isolation valve on a steam generator sample line). The licensee investigated the incident and could not determine whether the wire was cut deliberately or accidentally during construction activities, such as wire termination or wire strapping. Further investigation of the severed ends under an

electron microscope indicated that the wire, one of several within a bundle, had likely been accidentally cut by a construction worker as he was removing the tie strap which held the bundle together. Plant status: Units 1 and 2, Operational; Unit 3, Preoperational. Fuel for Unit 3 not present at site.

V-86-05

06/19-30/86 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

At 2 p.m., on June 19, 1986, instruments and control technicians performing initial system checks of the Unit 3 fire detection system discovered that the internal wiring for at least one of the 18 panels had been modified, causing approximately \$3,000 - \$5,000 damage to the internal components. An investigation determined that person(s) unknown had used two jumper wires to supply the panel with 120-volt AC power. Upon initial energizing of the panel, several 24-volt DC components overheated, causing the internal damage. The remaining 17 fire detection panels were inspected for tampering, and two additional instances of similarly used jumper connections were identified in panels located at the 140' elevation of the auxiliary building and the 100' elevation of the fuel building, respectively. No damage to the panels occurred, in that neither had been energized. In addition, the lock associated with the auxiliary building fire detection panel was found unlocked. The licensee rekeyed the locks for each panel and increased security patrols in Unit 3, which was not yet in the protected area, nor included in the site security plan. The Maricopa County Sheriff and the FBI were notified. The licensee later determined that the modified wiring had been caused by an error by one of the contracting firms. The contractor absorbed costs for all repairs. Plant status: Units 1 and 2, Operational; Unit 3, Preoperational. Fuel for Unit 3 not present at site.

V-86-06

07/02-03/86 Clinton
Illinois Power Company
DeWitt County, IL

The licensee notified the senior resident inspector that six of seven switches red-tagged on the Division 1 diesel generator (D.G.) local control panel had been found in the "on" or "auto" position. When red-tagged, the switches were independently verified to be in the "off" position. The licensee was unaware of any work activity that would account for the switches being mispositioned. The licensee's check of the remaining tags for the Division 1 D.G. and a check of tags for the Division 2 D.G. found no other discrepancies. A licensee investigation was not conclusive. The mispositioned switches would have been discovered before fuel load and operation, through their normal red tag removal procedures. Plant status: Preoperational. Fuel present at site.

V-86-07 10/17/86 Peach Bottom
Philadelphia Electric Company
York County, PA

At about 4 p.m., the licensee determined that a terminal strip in the motor control center for one of two standby liquid control pumps had been disengaged. The terminal strip provided control power indication to the control room console only; it had no effect on the operability of the pump. Control room personnel verified the status of emergency systems by examining control room indicators. No discrepancies were identified. The licensee's investigation found no evidence of authorized work having been performed on the system. A routine surveillance test of the system, which had been successfully completed that day, did not require an alteration of the electrical power supply for the system. Plant status: Operational. Fuel present at site.

V-86-08 10/31/86 South Texas
Houston Lighting and Power Company
Matagorda County, TX

On October 31, 1986, the foam suppression system for emergency diesel generator No. 13 fuel oil storage tank room was manually activated. This incident appeared to have been intentional tampering. Houston Lighting and Power established additional security measures. No damage to safety-related equipment was observed. No perpetrator was identified. Plant status: Preoperational. Fuel not present at site.

V-86-09 11/11/86 South Texas
Houston Lighting and Power Company
Matagorda County, TX

On November 11, 1986, the nitrogen system for a standby transformer was found to be overpressurized. The system was designed to provide the transformer with a slightly positive pressure (1/2 - 1 1/2 pounds per square inch gauge (psig)). A craftsman discovered that a padlock on the control box had been removed and that the system was overpressurized to approximately 4 psigs. A supervisor reported that the system had been correctly secured the previous day, after a test of the components' fire suppression system. This incident appeared to have been intentional tampering. Houston Lighting and Power established additional security measures. No damage to safety-related equipment was observed. No perpetrator was identified. Plant status: Preoperational. Fuel not present at site.

V-86-10 11/12/86 Harris
Carolina Power and Light Company
Wake and Chatham Counties, NC

At approximately 10 p.m., the licensee discovered apparent willful damage to the vital area door alarm. Damage was suspected to have occurred earlier that afternoon. The door remained locked, but not alarmed. An investigation concluded that no

authorized repairs were conducted on the alarm that would have explained the removal of necessary operating parts from the inside alarm box. The licensee concluded the investigation. No perpetrator was identified. Plant status: Operational. Fuel present at site.

V-86-11 11/17/86 Vogtle
 Georgia Power Company
 Burke County, GA

The applicant reported two instances of damage to equipment in the safety injection (SI) system. Two sight glasses used to indicate oil level in an SI pump were broken, and a relay glass cover in a switch gear supplying power to an SI pump was damaged in such a manner that the relay was also damaged. The applicant's investigation concluded that the incidents appeared to be deliberate and may have been related to reduction of the on-site workforce. The licensee concluded that investigation. No perpetrator was identified. Plant status: Preoperational. Fuel present at site.

V-86-12 12/02/86 San Onofre
 Southern California Edison Company
 San Diego County, CA

On December 2, 1986, the licensee determined that unauthorized manipulation of ten non-safety-related circuit breakers had occurred in Unit 3, between 7:15 and 8 a.m., based on a related annunciation received in the control room. The security computer identified 25 individuals who had access to the Unit 3 area during the time period of concern. Component and systems verification inspections were conducted for all three units to determine whether other tampering had occurred. No further indications of apparent tampering were identified. Investigation assistance was requested from the FBI. Investigative efforts identified a likely suspect (temporary worker) who left the site after his temporary employment ended. Lack of physical evidence prevented filing of any charges. Plant status: Operational. Fuel present at site.

V-86-13 12/18/86 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

At 11:10 p.m., during a shift changeover control room panel walkdown, an operator noticed that the "power available" indicator for one of six safety-related auxiliary feedwater valves was dark. An immediate investigation disclosed that the breaker for the valve motor operator was in the tripped position, but the valve was open, as required. The breaker was reset, and the valve motor operator was re-energized at 11:20 p.m. No other indications of equipment tempering were detected. A review of the security access control records and the plant process computer records indicated that the breaker tripped at 9:45 p.m. and also identified five plant personnel who had been in the area at that time.

Those personnel were interviewed. A member of the contract security force (a guard) stated that he may have bumped the breaker panel with his body just before leaving the area. The licensee did not consider that explanation to be plausible, since physical protective devices had been installed on this and other safety-related breakers to preclude just such an occurrence. In a subsequent interview, the guard admitted to handling the protective device out of curiosity. During his efforts to restore the protective device to its normal position, he tripped the breaker. He then left the area without notifying anyone of what had occurred. The guard was suspended by the security contractor. Plant Status: Unit 1, Operational; Unit 2, Preoperational. Fuel present at site.

V-87-01 01/01-2/12/87 Big Rock Point
 Consumer Power Company
 Charlevoix County, MI

A licensee investigation of a sabotage allegation determined that nuts on the packing gland hold-down plate and valve 4050 were apparently loosened deliberately by person or persons unknown between January 1, 1987 and February 12, 1987. Plant status: Operational. Fuel present at site.

V-87-02 01/15/87 South Texas
 Houston Lighting and Power Company
 Matagorda County, TX

During a pre-hot functional test inspection of the reactor coolant pumps (RCPs), the licensee discovered a 14-inch long metal spike (5/16-inch punch) inserted between the rotor and stator of the loop C RCP. The licensee established formal access control and inspected other active components for evidence of tampering with negative results. The RCP had not been operated since mid-October 1986. Location of the punch indicated an intentional act on the part of an unknown individual. No perpetrator was identified. Plant status: Preoperational. Fuel not present at site.

V-87-03 02/07/87 Limerick
 Philadelphia Electric Company
 Limerick, PA

During night rounds, a plant operator observed that two of four white light covers were missing from the "C" emergency diesel generator control power. The operator also found a red light associated with the control switch for the "B" diesel starting air compressor to be lit, although the compressor was not operating. The licensee restored the lens configuration to normal and instituted special surveillance. Investigation failed to identify a perpetrator. (See V-87-09 and V-87-10). Plant status: Operational. Fuel present at site.

V-87-04

02/17-24-25/87 Dresden
Commonwealth Edison Company
Grundy County, IL

On February 17, 1987, a loosened bolt was discovered on the No. 2 emergency diesel generator cooling pump flange. On February 24, 1987, four bolts were found loosened on the same pump when a technician, who was adding coolant to the pump, noticed the pump flange was leaking. The licensee initially suspected inadequate maintenance, but subsequently concluded that the bolts might have been deliberately loosened. On February 25, during a system walkdown, a loose bolt was discovered on the No. 2 diesel generator heat exchanger. The licensee increased security coverage and conducted an investigation which concluded that tampering was suspected, but there was no conclusive proof. The FBI was notified and concurred with the licensee's course of action. Plant status: Shutdown. Fuel present at site.

V-87-05

05/06/87 Indiana University School of Medicine
IN

Two wires controlling lights on a teletherapy unit were reported to have been cut. The wires to the lights are not essential to the operation of the unit. The licensee's security organization investigated with negative results.

V-87-06

05/20-26/87 Trojan
Portland General Electric Company
Columbia City, OR

On May 20, 1987, a one-inch hole was drilled into a nonsafety-related, sixteen-inch steam line of the moisture separator reheater (MSR) for future attachment of a thermocouple. On the same day, a radiograph was taken of a recent weld near the one-inch hole. On May 24, 1987, analysis of the radiograph revealed debris lying within the pipe although the pipe had been swept clean of debris by a magnet on May 20, 1987, following the drilling of the one-inch hole. A subsequent FBI investigation, which included interviews and an examination for latent fingerprints, was unsuccessful in developing any leads. Plant status: Shutdown. Fuel present at site.

V-87-07

06/04-16/87 Clinton
Illinois Power Company
DeWitt County, IL

On June 4, 1987, a security officer on patrol found three antennae on an internal plant radio repeater bent over and twisted. The licensee conducted an investigation and on June 11, 1987, identified a contract fire watch employee as the individual responsible for the tampering. His site access was terminated. On June 16 1987, the individual was charged with felony theft of property and misdemeanor by the DeWitt County Sheriff Department. Plant status: Operational. Fuel present at site.

V-87-08 06/10-11/87 Hatch
 Georgia Power Company
 Appling County, GA

During the back shift at Unit 1, personal dosimeters were moved around to different storage locations, radiation area posting signs were moved, and a telephone line to a computer was cut. Vandalism was attributed to layoffs at the finish of the Unit I outage. Plant checks were performed to assure that no plant safety systems were affected. Plant status: Shutdown. Fuel present at site.

V-87-09 08/02/87 Limerick
 Philadelphia Electric Company
 Montgomery County, PA

At 11:45 a.m., the blue and white light covers on four uninterruptible power supplies in a vital area of the control enclosures were discovered to be interchanged. Normal light configuration had been observed approximately 16 hours earlier. The lights have no effect on operation of the inverters which supply power to the reactor's protection system and the process and security computers. Investigations of access records and interview of personnel failed to identify a perpetrator. (See V-87-03 and V-87-10 for similar occurrences.) Plant status: Shutdown. Fuel present at site.

V-87-10 08/03/87 Limerick
 Philadelphia Electric Company
 Montgomery County, PA

At 10:30 a.m., two indicating lamp lenses on the 13KV auxiliary switchgear panel were found to be interchanged and another lens was missing. Investigation of access records and interview of personnel failed to identify a perpetrator. (See Item 87-03 and 87-04 for similar occurrences.) Plant status: Shutdown. Fuel present at site.

V-87-11 10/31/87 Oyster Creek
 GPU Nuclear Corporation
 Ocean County, NJ

At 8:30 p.m., the licensee discovered that the locked high radiation door on the 51 foot elevation of the reactor building was damaged. The door, which consists of a heavy gauge fence material, restricts access to the reactor water cleanup room. A hand hole had been cut in the fence material permitting access to unlock the high radiation door. The licensee searched the area with negative results. Plant status: Operational. Fuel present at site.

V-87-12

12/11/87

Sequoyah
Tennessee Valley Authority
Hamilton County, TN

After a tungsten welding rod was found in an auxiliary feed pump, the pump was broken down for further inspection and four additional rods and a half-inch rivet were found in the sump. The licensee's investigation concluded that a deliberate act of tampering had occurred sometime between shutdown, August, 1985, and the discovery while conducting the pre-operational walkdown on December 11, 1987. Plant status: Shutdown. Fuel present at site.

ARSON

VI-71-01 04/11/71 Indian Point
Consolidated Edison Company
Westchester County, NY

An arson fire caused \$5 million damage to Consolidated Edison's nearly completed No. 2 plant. The fire was set on the first floor of an auxiliary building which housed control panels, cables, and pumps for the facility. The reactor building and generator building at the site were not endangered by the fire, and there was no release of radioactive material. A group calling itself "Project: Achilles Heel," sent a letter to the New York Times saying "Indian Point Guerrillas" were responsible for the fire. An operating mechanic at the plant was arrested for the crime and later pleaded guilty to arson in the third degree. The man was on duty at the plant at the time and was reported to be one of the first persons on the scene of the fire. Fuel present at site.

VI-75-01 07/23/75 Nuclear Fuels Services
West Valley, NY

Fire destroyed an equipment storage barn. Arson was suspected and investigated.

VI-78-01 12/13, 24 Summer
& 27/78 South Carolina Electric & Gas Company
Fairfield County, SC

See Category V, Item V-78-02.

VI-80-01 02/23/80 Midland
Consumers Power Company
Midland County, MI

A suspicious fire occurred in two trailers used by contractor personnel. It was discovered that hoses on fire extinguishers in the trailers had been cut. Fuel not present at site. (See next entry.)

VI-80-02 03/26/80 Midland
Consumers Power Company
Midland County, MI

At 2:45 a.m., a fire occurred at the construction site in a complex of 23 side-by-side trailers. While making his round, a security guard had passed through the trailer complex earlier and had observed nothing unusual. Approximately 10 minutes later, he again entered the trailers and observed smoke. All 23 trailers were destroyed. Fuel not present at site.

VI-81-01 04/20/81 LaSalle
Commonwealth Edison Company
LaSalle County, IL

At 7:15 a.m., a fire in a cable tray riser was detected by the installed alarm system. The fire damaged several safety-related instrument cables before being extinguished. An examination of the cable tray by the licensee revealed what appeared to be the residue of a petroleum product and some charred cardboard. The nature of the fire was considered suspicious, and an investigation was carried out. Fuel present at site. (See next entry.)

VI-81-02 04/21/81 LaSalle
Commonwealth Edison Company
LaSalle County, IL

At 12:40 p.m., a small fire was discovered in two high pressure core spray (HPCS) control panels. The fire was extinguished with minimal damage. A plastic "Windex" bottle that contained a flammable liquid with a rag wick was found. The fire started at floor level and was burning up towards the bottle when extinguished. There was some damage to the high pressure core spray (safety-related equipment). Fuel present at site.

VI-82-01 04/15/82 Pilgrim
Boston Edison Company
Plymouth County, MA

At 10 p.m., two trucks parked in the contractor parking lot outside the protected area were firebombed. The fire was extinguished by the local fire department. A labor dispute was ongoing at the time. Fuel present at site.

VI-82-02 06/30/82 Limerick
Philadelphia Electric Company
Montgomery County, PA

At 7 p.m., smoke in the 239-foot elevation of the control building was traced to a fire in two non-safety-related cable trays near the switchgear room. The fire was put out with dry chemical extinguishers. Since the cables were cut as well as burned, the fire was determined to be a malevolent act. There was no damage outside the two cable trays involved. Fuel not present at site.

VI-82-03 07/12/82 Waterford
Louisiana Power & Light Company
St. Charles Parrish, LA

A fire was discovered in a cardboard box in the cable spreading room. Investigation revealed that 19 to 27 cables had been damaged. The fire investigator indicated that the fire may have been deliberately set. Fuel present at site.

VI-82-04 11/19/82 Calvert Cliffs
Baltimore Gas & Electric Company
Calvert County, MD

At 4:16 a.m., a contractor employee discovered a small fire on the second floor of the south service building. This was an administrative building within the protected area. However, it was not near to nor did it house any safety-related features. A liquid appeared to have been poured on a table. A burnt match and a melted plastic cellophane tape dispenser were found in the scorched area. Very little damage occurred. Fuel present at site.

VI-83-01 02/02/83 LaSalle
Commonwealth Edison Company
LaSalle County, IL

A fire was discovered in the Unit 1 turbine building in a non-safety-related area. The fire was extinguished within five minutes of discovery by the on-site fire brigade. The local fire department was notified of the fire and assisted in the investigation. Twenty empty cardboard resin containers, one full container and a metal locker containing protective clothing and miscellaneous material, were either damaged or destroyed. There were no injuries. Radioactive materials were not involved. The building was not evacuated. Unit 1 was shutdown at the time. The Illinois Fire Marshall reported that the fire was of a "suspicious nature," based on its rapid propagation, which might have been indicative of the use of an accelerant. Fuel present at site.

VI-83-02 03/08/83 Peach Bottom
Philadelphia Electric Company
York County, PA

A reactor operator observed a small smoldering fire in an area containing stored radwaste material in the radwaste building. The material was being prepared for compaction and subsequent shipment. The licensee's preliminary investigation revealed that one of the plastic bags had a small burned-out area of approximately 1 square foot. The investigators found two burned-out cardboard matches stuck to one of the unburned bags in the pile. Fuel present at site.

VI-84-01 02/14/84 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

A smoldering fire was spotted in a motor control center for a motor-driven fire water pump. The fire brigade responded, after the power to the center was secured, and extinguished the fire within five minutes of receipt of the alarm. The cause was a slightly open contactor in the motor control center which did not close completely because a foreign object was stuck in the contactor. Minimal damage occurred, and no loss of safety function occurred because the fire pump was out of service for maintenance at the time. The plant was in Mode 5, preparing for heatup. Fuel present at site.

VI-84-02 02/23/84 Sequoyah
Tennessee Valley Authority
Hamilton County, TN

During routine rounds, the fire watch officer discovered a burning trash bag containing contaminated materials. A fire alarm was sounded, and the fire was extinguished within six minutes. Initially, sabotage was suspected because the contaminated bag was not supposed to be in the Unit 2 auxiliary building fan room. Air samples and smear surveys in the immediate area of the fire identified no measurable radioactivity. No one was injured, and no radioactive release limits were exceeded. The FBI was notified. Fuel present at site.

VI-84-03 04/16/84 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

At 3:45 a.m., unidentified persons entered a part of the owner-controlled area and discharged six flares in different directions, about 350 yards from the protected area. One of the flares landed about 200 yards from the fence and caused a small brush fire. A security officer extinguished it. Fuel present at site.

VI-85-01 05/22/85 Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

During the evening, five fires, one in an insulation storage shed and four in portable toilets, were identified and extinguished. All fires were outside the permanent plant structure, and no plant equipment was damaged. Fuel not present at site.

VI-85-02 05/29/85 Braidwood
Commonwealth Edison Company
Will County, IL

At 10 p.m., there was a fire in a dumpster located outside the service building. It was promptly extinguished. Two books of matches were found at the scene. Fuel not present at site.

VI-86-01 03/12/86 Nuclear Fuel Services, Incorporated
Erwin, TN

At 7:50 p.m., a fire developed in a field outside the protected area of the plant. Plant personnel, with the assistance of the local Volunteer Fire Department, controlled the fire and extinguished it before 9:30 p.m. The fire was apparently started by a flare placed in the field. The Fire Department's response was reportedly delayed by members of the local Oil Chemical Atomic Workers (OCAW) Union, who had been on strike since May 15, 1985. Plant personnel were shot at by union members, with a pellet rifle, while fighting the fire. This event was believed to be strike-related. Fuel present at site. (See Items VI-86-02 and VI-86-03.) (See also Item VII-86-04.)

VI-86-02 03/19/86 Nuclear Fuel Services, Incorporated
Erwin, TN

At 12:45 a.m., a grass fire was detected in the field south of the licensee's Erwin plant site. The South Unicoi Volunteer Fire Department responded and extinguished the fire in approximately 30 minutes. A fire truck that entered the parking lot picked up nails and suffered several flat tires. The source of the fire was unknown. A previous grass fire occurred on the east side of the site on March 12, 1986. This event was believed to be strike-related. Fuel present at site. (See Items VI-86-01 and VI-86-03.)

VI-86-03 03/20/86 Nuclear Fuel Services, Incorporated
Erwin, TN

At 1:30 a.m., a fire was detected in an old house on the licensee's property, outside the protected area. This house was at the entrance to the plant parking lot and fronted on a public road. The house was used to store supplies, and no nuclear-related facilities were directly threatened by the blaze. The local Volunteer Fire Department responded and extinguished the fire in 30 minutes. Arson was suspected. The house porch and roof sustained significant damage. This event was believed to be strike-related. Previous fires on property surrounding the plant site were reported March 12 and 19, 1986. Fuel present at site. (See Items VI-86-01 and VI-86-02.)

VI-87-01 11/02/87 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

At 10:47 a.m., a fire was detected in electrical wiring to the drywell blowers at drywell penetration "EE" in Unit 2. There were no personal injuries. The following systems were affected: drywell and floor drain sump pumps, recirculation loop valve operability, nuclear instrumentation, and drywell blowers and dampers. Localized damage occurred to three cable trays and some aluminum conduit. The fire is believed to be of suspicious origin. The initial investigation by the Federal Bureau of Investigation and the Bureau of Alcohol, Tobacco, and Firearms identified no suspect. Plant status: Shutdown. Fuel present at site.

FIREARMS-RELATED

VII-71-01 01/20/71 Laramie, Wyoming

At 1:05 a.m., two men driving a 1961 blue Chevrolet sedan fired shots at a Tri-State truck trailer containing a shipment of spent reactor fuel. The car initially passed the truck going in the opposite direction. As the two vehicles met, one of the men in the car threw a large rock which shattered the truck's windshield. The car's driver then turned around, again passed the truck, and someone in the car fired a shotgun at the trailer. However, there was no penetration of the trailer skin, and the cargo was not damaged. This event may have been labor-related. The driver and assistant driver, both armed, reportedly fired 12 shots at the car after it had passed. There were no injuries reported. (Also included in Category IV as Item IV-71-01. Also see Item IV-71-02.)

VII-75-01 04/14/75 Millstone Northeast Utilities
New London County, CT

A small pistol was found in a portable toilet on-site and turned over to local police. Fuel present at site.

VII-75-02 04/14/75 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

An unknown person fired rifle or pistol shots into a junction box on utility-owned land at Point Beach, Wisconsin. The junction box was not in the protected area. The event occurred one-half mile from the actual boundary of the protected area. A telephone line cut by the shots into the junction box carried an alarm signal from an outbuilding where gauges and other valuable non-nuclear items were stored. Fuel present at site.

VII-75-03 07/02/75 Kerr-McGee Corporation
Cimarron, OK

See Category 11, Item 11-75-03.

VII-75-04 05/27/75 Zion
Commonwealth Edison Company
Lake County, IL

At 1:58 a.m., on May 24, 1975, four persons in a car with high beams on approached to within 75 to 100 feet of the Zion North Gate station. This station was the entrance to the owner-controlled area, not protected area, and was used for traffic-monitoring purposes. The protected-area fence was 150 feet south of the north gate station, and the entrance to the protected area

was even further away from the scene of the alleged event. One of the car occupants got out and allegedly fired a shot. The guard assumed a prone position. A second shot was allegedly taken at the guard. The guard did not return the fire. A second guard manning the north gate station was on patrol in the area and did not hear any shots. The car immediately left the area. Zion police responded within one minute, but could not find the car. The police did not find any spent cartridges nor where the bullets hit. All information about this event came from the sole guard manning the gate at the time. There were no witnesses who could provide additional information or corroborate the guard's narrative. Fuel present at site.

VII-76-01 09/21/76 Davis-Besse
 Toledo Edison Company
 Ottawa County, OH

Four rounds of ammunition for a 105-millimeter recoilless rifle were found on the beach near the site. They apparently washed ashore after having been dumped into Lake Erie by personnel at a nearby artillery range, sometime during 1945-1950. An ordnance demolition squad detonated the rounds. Fuel not present at site.

VII-77-01 02/06/77 U.S. Nuclear Corporation
 Oak Ridge, TN

A hoax firearms-related incident occurred at 1:35 a.m., when a U.S. Nuclear security guard reported that he heard a single gunshot and observed a flash of light believed to be a muzzle flash. The sound and flash were supposedly from off-site, but near the boundary. The guard stated he assumed that he was under attack, fell to the ground, and fired four pistol shots in the direction of the observed light flash. Other security personnel and local police responded to his request for assistance. A search of the area disclosed no evidence of the origin or motivation for the off-site firearms discharge. The moon was full and the weather clear. It had been reported that poaching deer hunters had been active in the area. Subsequently, it was learned that the guard had fabricated the event, and he was discharged.

VII-77-02 02/22/77 Hatch
 Georgia Power Company
 Appling County, GA

A construction employee had a fight with a licensee employee somewhere on company property, but not in the vicinity of either nuclear unit. After the construction worker was fired and ordered to leave company property, he attempted to run down a security guard with his private vehicle. The guard dodged the car, drew his weapon, and fired one shot at the tires of the receding car. The vehicle was not hit. Subsequently, the construction worker was arrested, and the guard was suspended. Fuel present at site.

VII-77-03 07/17/77 Palisades
Consumers Power Company
Van Buren County, MI

At 5:37 p.m., a telephone threat was received at the site. The caller stated that he was going to "shoot the hell" out of the place that night. Authorities were notified and security precautions taken. No unusual activities or incidents were noted at the site. It was speculated that recent layoffs may have motivated the anonymous caller. Fuel present at site.

VII-78-01 05/18/78 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

At 10:15 a.m., during a guard's routine search of a Tri-State Motor tractor trailer at the entry point leading into the site, a .45-caliber handgun and an ammunition clip containing six rounds of .45-caliber ammunition were found under a pillow in the tractor sleeping compartment. The truck was entering the site to pick up a radwaste shipment. The driver and co-driver were detained because of their attempt to bring an unauthorized weapon on site. Fuel present at site.

VII-78-02 09/03/78 Millstone
Northeast Nuclear Energy Company
New London County, CT

At 3:40 a.m., a contractor watchman attempted to enter the protected area with an unloaded Derringer pistol in his sock. The portal metal detector properly alarmed, and the gun was discovered. The watchman was told to place the weapon in his vehicle. At 4:30 a.m., the watchman again entered the site through the same metal detector, again carrying the Derringer in his sock. The detector did not alarm, whereupon the watchman presented the weapon to the guard on duty, to show that the metal detector did not function as required. After this second incident, he was ordered to leave the site. The watchman was a summer employee. This was his last work day. After the incident, the licensee tested the metal detector using prescribed test samples, and the detector functioned properly. Fuel present at site.

VII-78-03 11/28/78 Washington, PA

At 9 a.m., an escorted Tri-State Motor Truck (TMT) armored tractor towing a trailer containing fuel assemblies was fired upon five miles west of Washington, Pennsylvania, near the West Virginia border. One shot was fired at the right front of the vehicle from a wooded area near the highway. There were no injuries, and damage to the truck was minimal. The windshield was hit by what appeared to be three buckshot pellets. Five other indentations in the cab and one in the trailer were also found. Neither the cab nor trailer was penetrated by the shot, and none of the truck or escort crew saw anyone before or after the shot. The shipment

proceeded to its destination without incident. The shooting occurred in a region where several shooting incidents were reported in connection with a labor strike. (Also included in Category IV as Item IV-78-09.)

VII-79-01 03/15/79 Connecticut Yankee
Connecticut Yankee Atomic Power Company
Middlesex County, CT

At 10 a.m., a guard, routinely searching a trucking company tractor trailer at the main gate leading to the protected area, found an unloaded shotgun in the tractor. He also found a vial of an unknown, supposedly controlled, drug referred to by the driver as "rockets." The site security guard detained the driver and summoned the State police, who arrested the driver. It was determined that the driver legally possessed the shotgun. However, the police detained the driver, pending the results of an analysis of the "rockets." Fuel present at site.

VII-79-02 07/02/80 Quad Cities
Commonwealth Edison Company
Rock Island County, IL

At 8:10 p.m., while three guards were cleaning weapons in the gate house at the entrance to the protected area, a guard accidentally discharged a .38-caliber revolver. The bullet struck a bullet-resistant door. No one was injured in the incident. The guard was immediately suspended. Fuel present at site.

VII-79-03 07/22/79 Salem
Public Service Electric and Gas Company
Salem County, NJ

At a 6:30 p.m. exit search, a guard discovered a loaded .357-magnum revolver in a suitcase of a health physics contractor employee who had entered the site at 7 a.m. Although an X-ray scanner examined the suitcase when it came into the facility, the weapon (if it was there then) was not detected. The guard searched this suitcase particularly carefully because the employee was alleged to have stated that he had marijuana for sale. No such material was found. The individual was not detained nor was the weapon confiscated. However, the employee subsequently was barred from the site, and his employer terminated his employment. Fuel present at site.

VII-79-04 08/22/79 Connecticut Yankee
Connecticut Yankee Atomic Power Company
Middlesex County, CT

At 8:30 a.m., a truck driver operating a tractor-trailer reported to the plant to pick up low-level radioactive waste. The driver informed the security organization that he was carrying a .22-caliber revolver, with three rounds of ammunition, in his cab and requested that the licensee security organization accept temporary custody of the weapon. The plant security organization agreed and notified

VII-83-01 01/15/83 LaSalle
Commonwealth Edison Company
LaSalle County, IL

At 9:48 p.m., a security officer tripped on the stairs of the Unit 2 auxiliary building. His pistol came loose from its holster and discharged, sending a bullet into a chair on a stair landing. There were no injuries. Fuel present at site.

VII-83-02 01/26/83 San Onofre
Southern California Edison Company
San Diego County, CA

At 1:45 p.m., while holstering his just-issued revolver, a security guard accidentally discharged the weapon, superficially wounding his right leg. The incident occurred in the Units 2 and 3 vehicle search area at the protected area boundary. The guard was treated and held overnight for observation at San Clemente General Hospital. Fuel present at site.

VII-83-03 07/21/83 Dresden
Commonwealth Edison Company
Grundy County, IL

At 7 a.m., an employee attempted to bring a loaded revolver on-site. The weapon, wrapped in a sock and in a paper bag, was detected during a routine search, and access was prevented. Fuel present at site.

VII-83-04 12/16/83 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

During a routine search, a .25-caliber automatic pistol was found in the cab of a delivery vehicle. The State police were contacted, and the driver was arrested. Neither the vehicle nor driver gained access to the protected area. Fuel present at site.

VII-83-05 12/19/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

At 6:30 a.m., a member of the security staff, who failed to follow established procedures, accidentally discharged a weapon in the security office building during a routine shift change. The projectile caused minor flood damage, but no injuries. Fuel present at site.

VII-84-01 02/07/84 Zimmer
Cincinnati Gas and Electric Company
Clermont County, OH

At 5:30 p.m., a contractor security guard accidentally discharged his revolver on the refueling floor of the reactor building where fuel was stored. The discharge occurred when the guard removed

his pistol from its holster during a discussion about firearms with another security guard. The bullet passed through a corrugated metal wall. There were no injuries or damage. The licensee terminated the guard's employment and provided additional training on firearms safety and handling instructions to all other guards. Fuel present at site.

VII-84-02 03/05/84 Calvert Cliffs
Baltimore Gas and Electric Company
Calvert County, MD

A site security guard at the gate to the parking lot noticed a rifle in the back of a station wagon driven by an individual wanting to visit the licensee's personnel office. The individual was denied access to the parking lot. State police subsequently arrested him at the plant visitors center for carrying a loaded weapon in the car. At no time did the individual approach the protected area. Fuel present at site.

VII-84-03 04/18/84 Pilgrim
Boston Edison Company
Plymouth County, MA

While the security force contractor conducted a night firing course at a local indoor range in Bourne, Massachusetts, a newly hired guard accidentally discharged his holstered .38-caliber revolver. The round lodged in his right leg. The range was under authorized supervision at the time of the incident.

VII-84-04 05/22/84 Hatch
Georgia Power Company
Appling County, GA

At 5:56 a.m., a contractor employee entered the protected area with a loaded .22-magnum Derringer pistol in her purse. A plant security officer had visually inspected the purse but not detected the pistol during routine access procedures. The employee did not have vital area access. The employee left the protected area with the weapon at 7:15 a.m. The licensee became aware of the event after a utility investigator received an anonymous call. The employee's access authorization was terminated. The Appling County Sheriff's Department took custody of the employee's unlicensed weapon. Fuel present at site.

VII-84-05 06/03/84 Shoreham
Long Island Lighting Company
Suffolk County, NY

At 5:48 a.m., a security guard accidentally discharged his automatic pistol into the handgun bullet trap when he was checking his weapon before his shift. By mistake, a loaded clip had been inserted into the gun in lieu of the empty safety clip that should have been inserted. The bullet was safely contained in the bullet trap. An inquiry revealed that the security shift lieutenant, who

was serving as the "clearing barrel monitor," and the officer failed to follow written security procedures. Both were suspended for three days and were retrained before returning to duty. Fuel present at site.

VII-84-06 10/30/84 Limerick
Philadelphia Electric Company
Montgomery County, PA

At 4 a.m., during a routine security force weapons inventory, it was discovered that a handgun and 18 rounds of ammunition were missing. The licensee conducted a search with negative results. Fuel present at site.

VII-84-07 12/09/84 Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

A security guard accidentally discharged a .357-magnum revolver while loading it in the gun room. No one was injured. The licensee revised procedures to preclude recurrence of such an event. Fuel present at site.

VII-85-01 01/04/85 Salem
Public Service Electric and Gas Company
Salem County, NJ

At 9:40 a.m., during a protected area exit X-ray search of contractor personal luggage, a .38-caliber handgun was found. The licensee's investigation revealed that the luggage had been permitted on-site without a search, via the back of an authorized contractor pick-up truck. The truck was temporarily allowed on-site to jump-start a companion contractor truck disabled about 10 feet inside the protected area gate. The luggage owner was not present and did not expect the vehicle to be brought on-site. Both vehicles were under constant observation by guards posted to control the vehicle gate. The guard was temporarily suspended for failing to perform a proper initial search of the locked luggage. Fuel present at site.

VII-85-02 02/20/85 Shoreham
Long Island Lighting Company
Suffolk County, NY

A contract security officer was fired for his involvement in an incident involving "horse play" with another officer. He withdrew his weapon from the holster (an automatic dismissal offense) during the incident. No weapon was discharged, and no one was injured. All security officers were reminded of their duties and responsibilities in the use and handling of weapons. Fuel present at site.

VII-85-03 03/08/85 LaSalle
Commonwealth Edison Company
LaSalle County, IL

At 9:48 a.m., a security officer accidentally fired his revolver while cleaning it in the basement of the main gatehouse. The bullet struck papers on a desk and the door to a weapons storage locker. No one was injured, and there was no damage to the room. The officer had failed to remove one bullet from the revolver during the cleaning process and fired the weapon thinking the cylinder was empty. He was suspended from duty. Fuel present at site.

VII-85-04 03/13/85 Millstone
Northeast Nuclear Energy Company
New London County, CT

At 2:15 p.m., a security sergeant accidentally discharged his .357-magnum revolver after loading it before going on duty. The round traveled through a sheet metal wall and lodged in the wall of a construction trailer about 70 feet away. No one was injured. The sergeant was suspended while the licensee investigated his claim that the revolver became cocked as he was attempting to holster it. Fuel present at site.

VII-85-05 05/11/85 San Onofre
Southern California Edison Company
San Diego County, CA

At 4:35 p.m., a security watchman accidentally discharged a 12-gauge shotgun while he was posted inside a small bullet-resistant structure. He purportedly accidentally struck the trigger on one of the four loaded shotguns, locked and secured inside an arms rack, but without rounds in their chambers. He denied manipulating a weapon slide so that a round was placed in a chamber of one gun. He was suspended from security duties. The weapons rack absorbed most of the shotgun pellets. There were no injuries. Fuel present at site.

VII-85-06 06/14/85 Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

At 7:30 a.m., during a routine access search, security personnel found a loaded .38-caliber revolver in a licensee employee's purse. The investigation revealed that the employee did not intend to bring the weapon on-site. The weapon had been taken on a fishing trip and was not removed before she returned to work. The licensee suspended the employee. Fuel present at site.

VII-85-07 06/19/85 Catawba
Duke Power Company
York County, SC

At 6:45 p.m., the licensee discovered an unloaded .32-caliber revolver and 13 rounds of ammunition in a licensee employee's purse during a routine search using X-ray equipment. The employee was denied access and was suspended. The licensee's investigation revealed that the employee did not intend to bring the weapon on-site. Fuel present at site.

VII-85-08 07/12/85 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

The licensee reported that a security guard had illegally discharged a weapon in the auxiliary building. On July 15, 1985, an NRC safeguards inspector arrived on-site, reviewed the incident, and interviewed the suspended guard. The incident was determined to have been an accident caused by the individual guard carelessly violating weapons-handling procedures. There were no indications of any malevolent intent. The licensee had identified the individual as a recent "poor performer" and had taken management actions to provide heightened supervisory review of his performance. As a result of being found asleep in June 1985, and consequently suspended for 10 days, he was required to be psychologically reevaluated. No indications of aberrant behavior were identified. The guard's employment was terminated on July 16, 1985. The licensee also took action to eliminate unnecessary weapons-handling within the plant building. Fuel present at site.

VII-85-09 08/01/85 River Bend
Gulf States Utilities
W. Feliciana Parish, LA

A licensee contract employee attempted to enter the site with a handgun in her purse. This was detected by standard security entrance controls. The employee stated that the firearm was for her personal protection off-site. Licensee denied site access and discharged the contract employee. Fuel present at site.

VII-85-10 08/16/85 Crystal River
Florida Power Corporation
Citrus County, FL

The licensee notified Region II that at 2 p.m., a routine search of a vehicle before entry to the protected area resulted in the discovery of two firearms, a .22-caliber target pistol and a belt buckle pistol. The owner of the vehicle, a badged employee, denied ownership or knowledge of the weapons and stated that they may have been left in the vehicle by a friend approximately two months ago. Fuel present at site.

VII-85-11 09/05/85 Dresden
 Commonwealth Edison Company
 Grundy County, IL

During a routine search of a subcontractor vehicle, security officers found an old, hammerless .38-caliber Iver Johnson revolver with bullets in the cylinder. The weapon was in a cigar box on the front seat. The licensee determined that neither the individual nor the weapon posed a threat to the facility. However, the individual was denied access to the site and was turned over to the Grundy County Sheriff's Department. He was released after posting bond. Fuel present at site.

VII-85-12 09/21/85 Nuclear Naval Fuel Division
 Babcock & Wilcox

At 9 p.m., an on-duty security officer discharged a .38-caliber revolver within the bullet-resistant enclosure at the central gate when he dry-fired his weapon after removing what he believed to be all the ammunition. There were no injuries and no damage outside the enclosure.

VII-85-13 10/28/85 Peach Bottom
 Philadelphia Electric Company
 York County, PA

At 6 a.m., a contractor employee found 10 unused .22-caliber cartridge shells in the Unit 3 reactor building elevator (within the protected area, but outside of vital areas). The contractor employee reported this to the control room personnel, who then turned the shells over to security. The licensee searched the area. Nothing more was found except an empty .22-caliber cartridge shell box. At 10 a.m., on October 31, 1985, the licensee reported that the source of the 10 unused .22-caliber cartridge shells had been identified. An individual had previously used a jacket while hunting, forgot that the shell box was in a pocket, and wore the jacket to work on-site. The shells apparently fell out of the pocket while he was riding the Unit 3 reactor building elevator, where the shells were later found. Fuel present at site. Unit 3 was shutdown, with the core off-loaded. Unit 2 continued to operate at 100 percent power. Fuel present at site.

VII-85-14 11/13/85 Millstone 1 and 2
 Northeast Nuclear Energy Company
 New London County, CT

A loaded .38-caliber revolver was found in a briefcase during the search of a truck tractor leaving the protected area. The truck had come on-site to pick up a radwaste shipment, and the driver was escorted within the protected areas at all times. Truck time on-site was from 10:04 a.m. to 1:15 p.m. The entrance search did not find the weapon. The security officer who performed the search was suspended. Fuel present at site.

VII-85-15 12/05/85 North Anna
 Virginia Electric and Power Company
 Louisa County, VA

At 6:24 p.m., a loaded .44-caliber revolver was found in a satchel belonging to a licensee mechanic. It was identified by X-ray examination during routine search at entry to the protected area. The owner claimed he had forgotten to remove the weapon from the satchel. He was denied access, and his badge was voided. Fuel present at site.

VII-85-16 12/11/85 Nuclear Fuel Services, Incorporated
 Erwin, TN

At 2:15 p.m., union pickets threw rocks at a tanker truck carrying uranium nitrate solution as it left the plant parking lot. One rock apparently cracked the windshield. The driver allegedly fired a warning shot. Union personnel pursued the vehicle and forced it to stop and return. No one was injured. The driver was charged with assault with a vehicle (a misdemeanor).

VII-85-17 12/30/86 Catawba
 Duke Power Company
 York County, SC

Two contractor vehicles providing service to the cafeteria were allowed escorted entry into the licensee's protected area. Both vehicles were searched before being granted entry. However, upon entering the protected area, one of the vehicle drivers produced a .38-caliber revolver which had not been detected during the search. Fuel present at site.

VII-85-18 12/31/85 North Anna
 Virginia Electric and Power Company
 Louisa, VA

At 4:45 a.m., a loaded 9-mm automatic weapon was discovered during a routine X-ray search before entering the protected area. The licensee employee was denied access and suspended. Fuel present at site.

VII-86-01 01/25/86 Dresden
 Commonwealth Edison Company
 Grundy County, IL

During a routine search of hand-carried packages, a .38-caliber automatic pistol was found in a bag carried by a licensee maintenance employee. Supervisory personnel (Security and Operations) questioned the individual immediately after the incident and determined that no immediate threat was posed to the facility. The individual was denied site access and sent home. A background check revealed no problems. The individual was polygraphed

and found to be truthful. He received disciplinary suspension and was eventually reinstated. Plant status: Operational. Fuel present at site.

VII-86-02 02/02/86 Rancho Seco
 Sacramento Municipal Utility District
 Sacramento County, CA

The newly-appointed NRC senior resident inspector for Rancho Seco was denied access to the site when site security personnel found an unloaded .38-caliber revolver and ammunition in his briefcase during a routine search. The briefcase was confiscated, and the inspector was permitted to leave the site. According to the inspector, he lost track of the location of the handgun in the confusion of relocating from out of state. He stated he did not realize the weapon was in his briefcase as he was attempting to enter the Rancho Seco site to bring in personal work materials. At the owner's direction, the licensee released the weapon to an authorized firearms dealer for disposal. Plant status: Operational. Fuel present at site.

VII-86-03 02/05/86 Surry
 Virginia Electric and Power Company
 Surry County, VA

At 11:30 a.m., a packaged mini-14 rifle passed through X-ray search at the access portal, undetected, into the protected area at Surry. The unloaded rifle was being returned by mail to the licensee's security section after repairs. Plant status: Operational. Fuel present at site.

VII-86-04 03/12/86 Nuclear Fuel Services, Inc.
 Erwin, TN

See Category VI, Item VI-86-01.

VII-86-05 03/23/86 Farley
 Alabama Power Company
 Houston County, AL

At 10:25 a.m., an officer stationed in the central alarm station accidentally discharged a .38-caliber revolver while dry-firing. No damage to the security systems occurred. The officer was placed on administrative leave. After disciplinary action, the officer was returned to duty. Plant status: Operational. Fuel present at site.

VII-86-06 03/24/86 Nuclear Fuel Services
 Erwin, TN

At 11:15 p.m., on March 24, 1986, the security force heard blasts that appeared to be firearms in the area near the entrance to the licensee's property. A security patrol dispatched to investigate was subjected to a firecracker blast thrown under the vehicle. At

11:45 p.m., three firearm discharges were heard along the perimeter of the owner-controlled area. A member of the security force observed a vehicle leaving the area after the shots were fired. Investigation revealed three empty shotgun shell casings near a Nuclear Fuel Services sign at the property line. It was determined that three shots (two slugs and one 00 buckshot) had been fired into the sign. The local law enforcement authorities were notified and the Unicoi Sheriff's Department personnel responded. They took custody of the empty shotgun shells and made a report of the incident. The event was believed to be strike-related. Fuel present at site.

VII-86-07 03/27/86 Davis-Besse
 Toledo Edison Company
 Ottawa County, OH

Alcoholic beverages and firearms were discovered and confiscated as a result of licensee-conducted unannounced random inspections of cars entering the owner-controlled area parking lot. Warnings were issued to personnel involved (contractors). Subsequent to the vehicle entry searches, the licensee's drug-detecting dog identified the presence of marijuana in a contractor vehicle, and visual observation of the vehicle showed drug-related paraphernalia. The contractors were identified and admitted using marijuana off-site, before work. Both contractors' jobs were terminated and their accesses to the plant revoked. Plant status: Shutdown for equipment repairs. Fuel present at site. (See also Item IX-86-07.)

VII-86-08 04/07/86 Point Beach
 Wisconsin Electric Power Company
 Manitowoc County, WI

At 12:26 a.m., in the gun room, a security officer emptying shells from a shotgun accidentally dropped a single round of buckshot which discharged. Another security officer in the room was struck in the foot. He was transported to the hospital, treated for contusions to the foot, and released. Plant status: Operational. Fuel present at site.

VII-86-09 04/09/86 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

A round of ammunition accidentally went off in the security building at 6:50 a.m. A security guard had unloaded his revolver and was turning it in at shift change when the six rounds not contained in a speed loader were accidentally dropped about one foot onto the table top. One security guard suffered minor powder burns and was taken to a local hospital for examination. Plant status: Unit 1, Operational; Unit 2, Preoperational. Fuel present at site.

VII-86-10 04/21/86 San Onofre
Southern California Edison Company
San Diego County, CA

At 9:30 p.m., shots were fired by an unknown assailant at a vehicle operated by a contractor employee who was making a routine motorized theft abatement tour of the owner-controlled area known as the "Mesa." The shooting occurred three-quarters of a mile outside the protected area. The FBI investigation determined no prime suspect. This was an isolated incident. Plant status: Operational. Fuel present at site.

VII-86-11 05/08/86 Kewaunee
Public Service Corporation
Kewaunee County, WI

A .38-caliber round was found imbedded one+ inches deep in the pages of a manual binder on the second floor of the entrance facility (outside the protected area). Trajectory holes in the adjacent double-sided wall indicated the bullet may have come from an administrative office used by contract guard managers, where they occasionally cleaned their weapons. Investigation indicated that approximately three months previously, a round had been dropped and discharged. The licensee banned weapons-handling or cleaning in administrative areas. Plant status: Operational. Fuel present at site.

VII-86-12 05/16/86 UNC Naval Products
Division of UNC Resources, Incorporated
Uncasville, CT

At 2 p.m., an ambulance driven by a volunteer arrived at the site in response to a medical emergency. A security guard was assigned to escort the ambulance into the site protected area. As the ambulance was driving into the site (about 30" inside the protected area), the driver informed the security guard that he was carrying a weapon. The security guard immediately took possession of the weapon. Due to the nature of the emergency, neither the ambulance nor the driver had been searched before entering the protected area. The ambulance driver was employed as an armed guard and received the emergency call while enroute home from his place of employment. Licensee management verified the ambulance driver's employment and that he was authorized to carry a handgun. The ambulance and driver were under escort by an armed security guard at all times while within the protected area. Fuel present at site.

VII-86-13 07/17/86 Limerick
Philadelphia Electric Company
Montgomery County, PA

At 1:50 p.m., a large truck delivering steel to the site was searched before entering the protected area. An unloaded .22-caliber handgun was found in the truck's sleeper compartment. The

gun was confiscated by the licensee's security force and turned over to local law enforcement authorities. The truck driver stated that the gun was kept for protection; however, he had no permit for the weapon. Police did not press charges. The steel was allowed to be delivered, with the driver under escort. Plant status: Unit 1, Operational; Unit 2, under construction. Fuel present at site.

VII-86-14 07/17/86 Maine Yankee
Maine Yankee Atomic Power Company
Lincoln County, ME

A security guard inadvertently fired a live round into a wall in the security training room. No injuries resulted, and the bullet did not penetrate the wall. Training was being conducted using dummy rounds. A live round was inadvertently mixed with the dummy rounds. The individual was suspended for three days. From then on, dry firing was conducted at a range, instead of in a training room, and the licensee provided ammunition pouches which have dummy rounds. Plant status: Operational. Fuel present at site.

VII-86-15 08/13/86 Quad Cities
Commonwealth Edison Company
Rock Island County, IL

During the morning, a licensee employee brought three rounds of .22-caliber ammunition into the plant without the ammunition being detected by the security search equipment. The three rounds of ammunition were in the employee's lunch box, in a plastic bag containing about 50 rounds of .44-caliber brass cartridges (empty casings). Another station employee discovered the ammunition lying on a desk and notified the security department. The ammunition and brass cartridges were confiscated. Preliminary investigative results indicated that the station man was unaware of the three rounds of ammunition being among the .44-caliber brass cartridges. The employee brought the brass cartridges on-site to give to another employee, who reloaded rounds at his off-site residence. Plant status: Operational. Fuel present at site.

VII-86-16 08/22/86 Ft. St. Vrain
Public Service Company of Colorado
Weld County, CO

A contract employee of Public Service Company of Colorado alleged that he entered and exited the Public Service Company site sometime in June 1986, with a .22-caliber handgun in his boot. The Public Service Company was informed of this claim in late August. The employee's badge was withdrawn, and his employment was terminated. The allegation could not be confirmed or denied. Plant status: Shutdown. Fuel present at site.

VII-86-17 08/24/86 Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

At 7:14 a.m., security personnel discovered a .38-caliber revolver loaded with four rounds in a lunch bag being processed through X-ray equipment at the primary access portal. The weapon was possessed by a non-licensed auxiliary operator who was entering the protected area for scheduled work. The individual alleged that the firearm was in the lunch bag by mistake and that he intended to leave the firearm in his private vehicle. Access authorization of the individual was withdrawn. Plant status: Operational. Fuel present at site.

VII-86-18 11/12/86 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

A worker at Rancho Seco found an unattended .38-caliber pistol in a restroom at the site. A security officer later admitted to having accidentally left his weapon in the restroom. The security officer was disciplined. Plant status: Operational. Fuel present at site.

VII-86-19 11/13/86 Millstone
Northeast Nuclear Energy Company
New London County, CT

At 6:30 a.m., a contractor employee with unescorted site access caused an alarm while passing through a metal detector upon entering the site protected area. The individual immediately reported to the access controller that he was carrying a .22-caliber Derringer in his jacket pocket and voluntarily surrendered the handgun. He stated that he had forgotten to remove the weapon from his jacket after returning from a firing range the previous evening. The weapon was loaded with two rounds of ammunition. After an investigation, the licensee suspended the individual's site access for one year. Plant status: Operational. Fuel present at site.

VII-86-20 11/18/86 McGuire
Duke Power Company
Mecklenburg County, NC

At approximately 12 p.m., an officer accidentally discharged a .38-caliber revolver inside the protected area at the facility, within a security locker room. There were no injuries. Plant status: Shutdown. Fuel present at site.

VII-86-21 11/24/86 Limerick
Philadelphia Electric Company
Montgomery County, PA

See Category IX, Item IX-86-36.

VII-86-22 12/01/86 Naval Nuclear Fuel Division
Babcock and Wilcox
Lynchburg, VA

At 8:20 a.m., a security officer at the facility accidentally discharged a .38-caliber revolver inside a security post, outside of the protected area. The bullet passed through the window of the building and into the ground. There were no injuries. Fuel present at site.

VII-86-23 12/12/86 Palisades
Consumers Power Company
Van Buren County, MI

An unidentified male telephoned both the Bangor, Michigan, Fire Department and the South Haven Tribune newspaper threatening to randomly shoot at the Palisades Plant. Both organizations notified the Michigan State Police, who then notified the licensee at 12:32 p.m. The threat, recorded by the Bangor Fire Department, included the statement that "in 30 minutes, I will start randomly shooting at the Palisades Nuclear Plant." No shots were fired. The licensee notified local law enforcement agencies and the FBI. Additional security force and law enforcement armed personnel were positioned on site. Visitation and general access to open areas of the plant were restricted. D. C. Cook Nuclear Plant officials were advised of the threat because of the plant's proximity to Palisades. Plant status: Shutdown for equipment repairs. Fuel present at site.

VII-86-24 12/17/86 Fermi
Detroit Edison Company
Monroe County, MI

At 1 a.m., a semi-tractor trailer carrying safety-related equipment was halted for a routine search at the entrance to the protected area. As the security officers approached the vehicle, they heard what sounded like bullets being unloaded from a weapon. The officer asked the driver if he had any prohibited items in his truck. The driver answered that he did, and produced the following: one .12-caliber gauge sawed-off shotgun; one .22-caliber automatic pistol; 19 shotgun shells; 248 rounds of .22-caliber ammunition; 2 five-inch "boot knives;" and 1 five-inch folding knife. Security guards then searched the truck and found what appeared to be a marijuana pipe. The driver was searched, and an ounce of what was analyzed by the Michigan State Police Laboratory to be marijuana was found in his hat. The individual was denied site access. A Doberman Pinscher dog who was in the truck was turned over to local animal welfare authorities. The individual was arrested by the Michigan State Police and charged with possession of a suspected controlled substance and with one felony count for possession of a concealed weapon. When first asked for identification by security guards, the driver produced a business card indicating his involvement with a para-military organization for hire. Plant status: Operational. Fuel present at site. (Also included in Category IX as Item IX-86-40.)

VII-87-01 03/09/87 Millstone
Northeast Nuclear Energy Company
New London County, CT

At 8:15 a.m., during entry processing, a handgun was discovered in a tractor-trailer driver's boot. After the driver had responded negatively to the standard question of whether he had any cameras, explosives or firearms, and moved the truck into the inspection pen, security personnel observed him removing something from the truck cab and placing it in his boot. Upon questioning before pat-down and metal-detector entry search, the driver voluntarily surrendered a .38-caliber automatic pistol. The Waterford Police took custody of the firearm. After an extensive search, the vehicle was allowed into the protected area under armed guard. After the trailer was offloaded and the driver and his rig were processed off-site, he was turned over to the Waterford Police. Plant status: Operational. Fuel present at site.

VII-87-02 04/01/87 Byron
Commonwealth Edison Company
Ogle County, IL

As a result of a routine vehicle search, a .25-caliber pistol was found in a suitcase belonging to a truck driver who was at the site for a scheduled office trailer pickup. The driver had volunteered the suitcase for X-ray search and explained, after discovery, that he did not know that the weapon was inside. The confiscated suitcase and weapon were returned to him when he left the site. No charges were filed. Plant status: Operational. Fuel present at site.

VII-87-03 04/04/87 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

A .25-caliber automatic pistol was found by the search equipment at the protected area access control point. The pistol was contained within a duffle bag being brought on-site by a contract employee doing work within the protected area. The individual stated he had forgotten that he had the weapon in his bag. The individual's site access was revoked. Plant status: Operational. Fuel present at site.

VII-87-04 04/09/87 Braidwood
Commonwealth Edison Company
Will County, IL

A loaded .22-caliber handgun was discovered in an individual's jacket pocket when he attempted to enter the protected area. A voluntary polygraph examination revealed that, contrary to his initial statements, the individual knew the pistol was in his coat when he attempted to enter. The individual was suspended and barred from the site. The weapon was turned over to local law enforcement authorities. Plant status: Preoperational. Fuel present at site.

VII-87-05 04/14/87 Zion
Commonwealth Edison Company
Lake County, IL

At 8 p.m., during shift change, a security officer's .38-caliber revolver discharged into the approved bullet trap (unloading weapon) located in the gatehouse. There were no injuries and no equipment damage. The security officer had followed approved procedures prior to the discharge. Plant status: Operational. Fuel present at site.

VII-87-06 04/20/87 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Security officers conducting a vehicle search before granting protected area access found a .22-caliber bolt action rifle behind the seat of an equipment truck belonging to a contract cable communications firm installing new telephone lines for the licensee. This was the firm's first visit to the site. Interviews by the licensee's security organization with the individuals involved determined that the action was neither malicious nor deliberate. Plant status: Operational. Fuel present at site.

VII-87-07 05/11/87 Arkansas
Arkansas Power and Light Company
Pope County, AR

See Category IX, Item IX-87-40.

VII-87-08 05/17/87 Catawba
Duke Power Company
York County, SC

X-ray equipment at the primary access portal to the protected area detected a loaded .38-caliber revolver in a licensee employee's lunch bag. An investigation indicated that the attempted introduction was inadvertent. Plant status: Operational. Fuel present at site.

VII-87-09 05/19/87 Ft. St. Vrain
Public Service of Colorado
Weld County, CO

Prior to being searched, a contract guard, also employed part-time by the Colorado Police Department, realized he had his personal sidearm, a .357, in his security holster and notified the search monitor guard. The weapon and ammunition were removed off-site and returned to the employee who locked it in his personal vehicle. Plant status: Operational. Fuel present at site.

VII-87-10 06/15/87 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo, CA

During a routine X-ray search prior to protected area entry, a .357 magnum caliber revolver was located in an employee's backpack. An investigation verified the employee's statement that she had been practicing at a pistol range with a friend earlier in the day and had forgotten to remove the revolver. The handgun was retained by security. The employee was admonished and disciplinary action was taken. Plant status: Operational. Fuel present at site.

VII-87-11 06/25/87 Fermi
Detroit Edison Company
Monroe County, MI

At 8:31 p.m., three individuals drove up near the front gate to the plant. One individual got out of the vehicle and fired a weapon into a field adjacent to the plant property. The individual got back onto the vehicle, and all three drove away. The licensee notified the Michigan State Police. Plant status: Operational. Fuel present at site.

VII-87-12 07/03/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

During a routine X-ray machine search at a protected area entrance point, plant security personnel detected a loaded .38-caliber handgun and a spare clip of ammunition in a contract boilermaker's gym bag. The individual had been badged for unescorted access to the protected area since May 29, 1987. The individual, the handgun and the ammunition were turned over to the police. The contract employee did not have a permit for this weapon. Site access was terminated. Plant status: Shutdown. Fuel present at site.

VII-87-13 07/07/87 Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

A radwaste truck driver voluntarily turned over a handgun to site security personnel upon arrival on-site, prior to the required search of his vehicle for entry to the protected area. Because the weapon was not licensed in the State of Connecticut, the licensee contacted the State Police, in accordance with site policy. The State Police confiscated the weapon and warned the driver about transporting handguns across State boundaries. Plant status: Operational. Fuel present at site.

VII-87-14 07/14/87 Davis-Besse
 Toledo Edison Company
 Ottawa County, OH

After a minor traffic accident, the occupants of the second vehicle followed a contractor site manager to his personal boat moored at Port Clinton. The contractor went inside the cabin of his boat and returned pointing a M-16 rifle at them. The private citizens left the area and notified the police who arrested the contractor and charged him with aggravated menacing, 1st degree, with an illegal weapon. The contractor's protected area access was revoked by security. Plant status: Operational. Fuel present at site.

VII-87-15 07/31/87 Davis Besse
 Toledo-Edison Company
 Ottawa County, OH

While performing a routine weapon operability test of a .38-caliber weapon used by a second supervisor, a security shift supervisor accidentally fired a .38-caliber bullet into a filing cabinet in his office. The cylinder had been opened to remove the ammunition prior to dry check but one bullet was prevented from leaving the cylinder by the oversized thumb support on the gun grip. The supervisor had not visually checked the cylinder before pulling the trigger. No one was injured. The licensee has changed procedures and now prohibits supervisors from checking, storing, or cleaning weapons in their office. Plant status. Operational. Fuel present at site.

VII-87-16 08/22/87 Washington Nuclear
 Washington Public Power Supply System
 Benton County, WA

The licensee's routine required package X-ray screening program revealed a tear gas pistol, fabricated to resemble a standard .22-caliber revolver, in the belongings of a temporary security officer upon his normal entry for work. The security officer noted that the device, which was loaded with 1/16 inch tear gas pellets, belonged to his wife who normally carries it as a self-defense aid when jogging. It had been put in his bag when last they jogged together, and he had forgotten about it. The licensee determined that the device was incapable of firing actual firearm rounds and concluded that the event was innocent. Plant status: Operational. Fuel present at site.

VII-87-17 08/24/87 Washington Nuclear
 Washington Public Power Supply System
 Benton County, WA

The licensee's routine required search of persons for explosives revealed a pistol magazine containing six .38-caliber shells in the pocket of a plant employee upon his normal entry for work.

The person noted that he had been practice firing his personal weapon the day before and had forgotten to remove the clip of shells from his pocket prior to reporting for work. The licensee searched the individual's car and on-site storage locker with negative results. The event was concluded to be innocent in nature. Plant status: Operational. Fuel present at site.

VII-87-18 10/06/87 Fermi
Detroit Edison Company
Monroe County, MI

During entry search of a tractor-trailer cab delivering an empty radwaste container to the plant's protected area, a loaded .25-caliber semiautomatic pistol was found in the driver's personal briefcase. The driver was denied site access and detained until the arrival of the Michigan State Police, who confiscated the weapon and released the driver. Plant status: Operational. Fuel present at site.

VII-87-19 10-22-87 Crystal River
Florida Power Corporation
Citrus County, FL

A loaded .357 revolver was detected in a contractor employee's briefcase during a routine X-ray search, and his site access was terminated. The licensee's investigation indicated that the attempted introduction was inadvertent. Plant status: Operational. Fuel present at site.

VII-87-20 10/23/87 Ft. St. Vrain
Public Service of Colorado
Weld County, CO

During a search for illegal substances, a No. 7-1/2 shot, 12 gauge shotgun shell was located and removed from an employee's locker inside the protected area. The live round was retained by security. Disciplinary action was taken. Plant status: Operational. Fuel present at site.

VII-87-21 10/27/87 Turkey Point
Florida Power and Light Company
Dade County, FL

A loaded .38 semiautomatic weapon was detected in an employee's lunchbox during a routine X-ray entry search. The individual admitted knowing it was there, but had intended to remove it before entering the site. He was put on leave without pay for one day. Plant status: Operational. Fuel present at site.

VII-87-22 10/28/87 Wolf Creek
 Kansas Gas and Electric Company
 Coffey County, KS

A security officer removed his firearm from its holster when utilizing the restroom facilities and neglected to replace the gun in its holster when he left the area. The firearm was discovered by utility personnel. They notified security who retrieved the gun and accounted for all ammunition. The officer involved was reprimanded and suspended from his duties without pay. Plant status: Operational. Fuel present at site.

VII-87-23 10/29/87 Crystal River
 Florida Power Corporation
 Citrus County, FL

During a search prior to protected area entry, a .38-caliber automatic pistol with six rounds in the inserted clip was found in the mattress in the sleeper compartment of a truck delivering vital equipment to the facility. The weapon was held by security, and the truck was escorted into the protected area. The weapon was returned to the driver upon his exit from the plant site. Plant status: Shutdown. Fuel present at site.

VII-87-24 11/06/87 Cooper
 Nebraska Public Power District
 Berrien County, MI

The search of a contractor's vehicle by the security officer on duty was inadequate in that two boxes of shotgun shells (50 rounds), one box of .22-caliber cartridges (50 rounds), and five loose shotgun shells were undetected by the search but were observed by a roving guard in various places within the cab and were in full view after the vehicle's entry into the protected area. A Proposed Notice of Violation and Imposition of Civil Penalty in the amount of \$25,000 was issued on March 14, 1988. The base amount of the civil penalty was reduced by 50% due to the licensee's identification and reporting of the incident. Plant status: Operational. Fuel present at site.

VII-87-25 11/12/87 Haddam Neck
 Connecticut Yankee Atomic Power
 Middlesex County, CT

A .38-caliber revolver was detected in the duffle bag of a contract security guard reporting for work when the bag was passed through the metal detector at the protected area primary access control point. The guard stated that it was his personal handgun which he had inadvertently left in the duffle bag from the previous day. The guard was denied access to the plant, and his employment was terminated. Plant status: Shutdown. Fuel present at site.

VII-87-26 11/20/87 Palisades
Consumer Power Company
Van Buren County, MI

During entry search, a security search officer found a .25-caliber handgun in the cab of a contractor vehicle awaiting entry to the protected area to pick up a trailer. The driver denied having any weapons in the vehicle prior to initiation of the search. The weapon was corroded, and no ammunition was found within the vehicle. The driver's access to the site was denied. The state and local police were advised and interviewed the driver. No arrest was made. Plant status: Operational. Fuel present at site.

VII-87-27 12/09/87 Turkey Point
Florida Power and Light company
Dade County, FL

During entry search, a .38-caliber bullet was found in the possession of a visitor entering the protected area. The licensee secured the bullet until the visitor departed from the site. Plant status: Operational. Fuel present at site.

VII-87-28 12/14-18/87 LaCrosse
Dairyland Power Cooperative
LaCrosse County, WI

On December 14, 1987, during a routine weapon inventory, a security force revolver was noted missing from the weapon storage area. On December 18, 1987, after the licensee threatened to polygraph test and to prosecute the individual responsible for the missing weapon, a contractor security guard confessed that he put the weapon in a trash can, took it out at the end of the shift, and threw it in the river after a disagreement with his supervisor over control procedures. The river was searched and the weapon was found. The guard's employment was terminated. Plant status: Shutdown. Fuel present at site.

VIIIA 12/31/87

There have been no reported events meeting the radiological sabotage criteria.

VIIIIB-86-01 05/14-15/86

Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Between approximately 8:59 p.m. and 9:30 p.m., on May 14, 1986, three of four transmission lines that provide electrical power to the site were sabotaged. Investigation by the licensee on May 15, 1986, revealed that the three lines had been shorted-out deliberately at remote locations more than thirty miles from the facility. The four transmission lines converge on the site from four different directions. Because of the distances, timing and actions necessary to short the lines, it was believed that more than one individual was involved in the incident. The FBI was notified and assumed jurisdiction for the incident. Since the location where these acts occurred and the lines involved were not subject to NRC security requirements, this event was included because of its general interest and is considered closed pending new developments. Plant status: Unit 1 was in a maintenance outage. Unit 2 was in hot standby and Unit 3 was in a preoperational test phase. Fuel present at site.

ALCOHOL/DRUGS

IX-77-01 03/22/77 Turkey Point
Florida Power & Light Company
Dade County, FL

At 4 a.m., county authorities arrested a maintenance employee at Turkey Point. He was charged with possession of narcotics and explosives. These charges were made after the employee's residence was searched. Police officials characterized the incident as a routine narcotics arrest. He was suspended and denied access to the plant until his case was resolved. When interviewed by the site security director, the employee stated he in no way intended to damage the plant and that the explosives and guns (no automatic weapons) belonged to a friend. Fuel present at site.

IX-77-02 12/29/77 Millstone
Northeast Nuclear Energy Company
New London County, CT

Three watchpersons were suspended on December 29, 1977, and fired on December 30, 1977, for possessing and smoking marijuana while on duty. Fuel present at site.

IX-79-01 11/08/79 Trojan
Portland General Electric Company
Columbia County, OR

A narcotics investigation (on the alleged use and traffic of marijuana and amphetamines) resulted in the arrests and/or employment terminations of 13 individuals, the majority from the contract guard force. Of the 12 individuals arrested, eight were guards and two were former guards; one was a former employee of a maintenance contractor; and one had been employed as a watchman. In addition, an auxiliary operator's employment was terminated for his uncooperative attitude regarding his alleged use of cocaine off-site. The individuals implicated as a result of the investigation were relieved from duty and replaced with qualified back-up security officers. The plant was in cold shutdown at the time of the arrests. Fuel present at site.

IX-80-01 01/11/80 Seabrook
Public Service Company
Rockingham County, NH

Twelve individuals employed as construction workers at the site were arrested on charges of conspiracy to violate state drug laws and for possessing and trafficking in cocaine, hashish, amphetamines and marijuana. Fuel not present at site.

IX-80-02 03/04/80 Duane Arnold
Iowa Electric Light & Power Company
Linn County, IA

At 10 p.m., local law enforcement officials arrested an on-duty contractor watchperson and charged him with possession of a controlled drug, without a prescription, and with intent to deliver. Her arrest followed a police raid at her home address earlier that evening, which had resulted in three arrests and in the seizure of a quantity of marijuana and cash. The watchperson was suspended. There was no evidence that she had sold or dispersed drugs on the site. Fuel present at site.

IX-80-03 04/03/80 South Texas
Houston Lighting & Power Company
Matagorda County, TX

At 10 a.m., NRC was notified that four construction personnel and one mechanical quality control person had their employment terminated for possession of marijuana while on the job. Fuel not present on site.

IX-80-04 04/29/80 Davis-Besse
Toledo Edison Company
Ottawa County, OH

A patrolling guard observed a contractor employee smoking marijuana on the roof of a building. The employee was discharged immediately, his security badge was recovered, and he was escorted off the site. Fuel not present at site.

IX-80-05 09/22/80 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

A female contractor employee's handbag was found to contain a substance which appeared to be marijuana. Her employment was temporarily terminated, and she was denied access to the site. On October 21, 1980, the licensee was notified that laboratory analysis of the substance proved it was marijuana. Charges were filed against the employee. Fuel present at site.

IX-81-01 02/09/81 Indian Point
Power Authority of the State of New York
Buchanan, New York

Background investigations were undertaken of security personnel who were transferring from a contract security force to the Power Authority of the State of New York proprietary security force. Seven security personnel had their employment terminated when derogatory information was revealed. The information indicated that these individuals had either used on-site (or reported to work under the influence of) controlled substances or alcohol. Fuel present at site.

IX-81-02 02/13/81 Vogtle
Georgia Power Company
Burke County, GA

Eleven contractor employees were arrested at the Vogtle construction site for the sale of illegal drugs, including marijuana, amphetamines, phencyclidine, and methaqualone. Fuel present at site.

IX-81-03 02/24/81 Zion
Commonwealth Edison Company
Lake County, IL

After an investigation, two plant employees (equipment operators) were arrested and charged with alleged possession and/or use of controlled substances. There were indications that the drugs were used on-site during work. The arrested employees were suspended, and their access authorizations to the site were revoked. Fuel present at site.

IX-81-04 03/17/81 Waterford
Louisiana Power & Light Company
St Charles Parrish, LA

Eight construction workers at the Unit 3 construction site were arrested on charges of possession and sale of marijuana. Fuel not present at site.

IX-81-05 05/21/81 River Bend
Gulf States Utilities Company
West Feliciana Parish, LA

A contractor quality control employee, observed by security personnel to be acting suspiciously, was investigated and subsequently had his employment terminated for using controlled substances on the job. The licensee notified the local Sheriff's Department of the incident. Fuel present at site.

IX-81-06 05/28/81 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Local law enforcement authorities arrested an employee assigned to Rancho Seco and a contractor employee working on the site for the sale of marijuana and cocaine. These arrests stemmed from an investigation that the Sacramento Municipal Utility District Security Department began in November 1980, when tools, cached to be removed from the site later, were found. Investigation into this matter developed information indicating possible narcotics usage at Rancho Seco. Fuel present at site.

IX-81-07 06/12/81 Oyster Creek
Jersey Central Power and Light Company
Ocean County, NJ

At 7:40 a.m., a contractor employee was randomly selected for a search at the contractor access control point. The search found a 35-mm film canister with three to four grams of marijuana. The employee's unescorted access was withdrawn, and local law enforcement authorities were notified. Fuel present at site.

IX-81-08 09/14/81 Harris
Carolina Power and Light Company
Wake County, NC

Five construction personnel were discovered smoking marijuana during a work break. Their employment was terminated, and they were escorted off-site. Fuel not present at site.

IX-81-09 09/20/81 Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

A senior reactor operator was arrested off-site and charged with drug possession. The licensee suspended the individual. Fuel present at site.

IX-81-10 09/23/81 Farley
Alabama Power Company
Houston County, AL

Six employees of Alabama Power Company were suspended after a company-initiated investigation on drug use at the plant. No on-site drug use was discovered; some minor off-site use was confirmed. No NRC-licensed reactor operators were identified as being involved. Fuel present at site.

IX-81-11 10/03/81 Turkey Point
Florida Power and Light Company
Dade County, FL

A contractor employee was found with a controlled substance while undergoing on-site treatment for an apparent medical problem. Fuel present at site.

IX-81-12 10/16/81 Sequoyah
Tennessee Valley Authority
Hamilton County, TN

A student operator trainee was arrested at the Sequoyah site and charged with off-site sale of drugs. The individual's site access authorization was removed by the licensee. Fuel present at site.

IX-81-13 10/21/81 Peach Bottom
Philadelphia Electric Company
York County, PA

At 2 p.m., a licensee employee found a sandwich bag with a small amount of marijuana in a parking lot on licensee property outside the protected area. Fuel present at site.

IX-81-14 12/09/81 Surry
Virginia Electric and Power Company
Surry County, VA

After an investigation into alleged illegal drug use by licensee employees, five security personnel resigned and 13 had their employment terminated for using marijuana off-site or reporting to work under its influence. Fuel present at site.

IX-82-01 01/29/82 Davis-Besse
Toledo Edison Company
Ottawa County, OH

In response to a door alarm to the service water tunnel (non-vital area), a security officer found two contractor construction workers smoking marijuana inside the area. The workers' jobs were terminated. Fuel present at site.

IX-82-02 01/29/82 Harris
Carolina Power and Light Company
Wake County, NC

A plant employee was arrested on site for theft of tools. Also during a personal search, a bag of marijuana was found in the individual's possession. Fuel not present at site.

IX-82-03 02/04/82 Harris
Carolina Power and Light Company
Wake County, NC

A quality assurance weld inspector had his employment terminated due to drug use. Weld defects were found when 187 seismic hangers with which he had been involved were reinspected. Fuel present at site.

IX-82-04 02/04/82 Turkey Point
Florida Power and Light Company
Dade County, FL

Seven contract security officers, three contract workers, and one concessionaire were implicated after a licensee investigation on illegal drug use. Subsequently, all were denied access to the plant site. Fuel present at site.

IX-82-05 02/05/82 Zion
Commonwealth Edison Company
Lake County, IL

As a result of an NRC investigation into drug use, two members of the site's contract security force were suspended. One individual was a security force supervisor, and the other was a security force training coordinator. Findings indicated that these individuals used drugs and/or alcohol both on- and off-site. Fuel present at site.

IX-82-06 02/12/82 Dresden
Commonwealth Edison Company
Grundy County, IL

Two contractor employees had their jobs terminated for attempting to bring alcohol and marijuana into the protected area. Security officers making routine ingress searches found these items. Fuel present at site.

IX-82-07 02/17/82 Peach Bottom
Philadelphia Electric Company
York County, PA

Security personnel observed two contractor employees smoking one pipe in the protected area. The pipe was confiscated and was found to have a small residue of an unidentifiable substance. The two workers had performed custodial-type rather than safety-related services. Their site accesses were terminated. Fuel present at site.

IX-82-08 03/31/82 Davis-Besse
Toledo Edison Company
Ottawa, OH

A contractor employee with a small quantity of marijuana was prevented from entering the protected area. The marijuana was confiscated, and the craft employee had his employment terminated. Fuel present at site.

IX-82-09 05/05/82 Farley
Alabama Power Company
Houston County, AL

During routine security searches of hand-carried items at the access control building, a security officer found what appeared to be marijuana and pills in a contractor employee's lunch box. The items were confiscated and the employee had his employment terminated. Fuel present at site.

IX-82-10 05/07/82 Calvert Cliffs
Baltimore Gas & Electric Company
Calvert County, MD

The Baltimore Gas & Electric Security Investigations Unit investigated an allegation of drug misuse by member(s) of the nuclear security organization. As a result, four contract watch persons and two licensee security officers had their jobs terminated, and their access authorizations were suspended for marijuana usage. Fuel present at site.

IX-82-11 05/21/82 Oconee
Duke Power Company
Oconee County, SC

A security officer discovered a small quantity of marijuana among an individual's personal items during a protected area ingress search. Investigation led to the arrests of the individual and co-worker. The individuals were maintenance employees not routinely assigned to the site. They were denied future access to the site. Fuel present at site.

IX-82-12 05/26/82 Brunswick
Carolina Power and Light Company
Brunswick County, NC

At 2:45 a.m., a utility employee found a contractor employee smoking marijuana in the protected area. The individual was escorted from the site, and his employment was terminated. Fuel present at site.

IX-82-13 06/29/82 Zion
Commonwealth Edison Company
Lake County, IL

At 12:30 p.m., a security officer found a pipe and marijuana cigarette in a contractor vehicle attempting to enter the protected area. The licensee notified the police, who confiscated the pipe and marijuana. The driver was denied site access, but was not charged because the marijuana was not in his actual possession. Fuel present at site.

IX-82-14 10/21-22/82 Vogtle
Georgia Power Company
Burke County, GA

Arrests of twelve persons employed by two contractors at the construction site were made on a variety of drug-related charges. No licensee employees were involved. The substances include marijuana, cocaine, and Valium. Fuel not present at site.

IX-82-15 11/30/82 Zion
 Commonwealth Edison Company
 Lake County, IL

During a routine search of a contractor employee, security personnel found a substance believed to be marijuana. The worker was denied access to the site. The substance was turned over to police and analyzed as marijuana. Fuel present at site.

IX-82-16 12/06/82 Beaver Valley
 Duquesne Light Company
 Beaver County, PA

A security guard at Unit 2 was caught by his supervisor while he was preparing to smoke a marijuana cigarette. The cigarette was confiscated, and the guard was fired. Laboratory analysis confirmed that the cigarette was marijuana. Fuel present at site.

IX-83-01 01/19/83 Diablo Canyon
 Pacific Gas and Electric Company
 San Luis Obispo County, CA

The licensee conducted an investigation on marijuana use in the employees' parking lot (outside the protected area). Three licensee employees, two maintenance helpers and an apprentice welder, had their jobs terminated as a result. Fuel present at site.

IX-83-02 02/28/83 LaSalle
 Commonwealth Edison Company
 LaSalle County, IL

At 12:30 p.m., two contractor employees were apprehended as they were leaving the Unit 2 heater drain tank room, after the Unit 2 construction superintendent smelled burning marijuana in the area. Some burned substance was found in the room and turned over to local law enforcement officials, who confirmed that the burned material was marijuana. The two employees were taken for a urinalysis to determine whether they had smoked marijuana. The two refused to allow the release of the results of the test to the licensee and were subsequently fired. Fuel present at site.

IX-83-03 04/06/83 LaSalle
 Commonwealth Edison Company
 LaSalle County, IL

A supervisor employed by a subcontractor discovered a foil package with a white powdered substance in his unlocked desk in a trailer in the protected area, 75 yards east of the Unit 1 reactor building. The material was turned over to the construction security superintendent, who gave it to the licensee's security administrator. A "field test" indicated that the substance was an amphetamine. The licensee released the material to the LaSalle County Sheriff. The individual who found the material denied ownership. The investigation proved inconclusive. Fuel present at site.

IX-83-04

04/24/83

Indian Point
Power Authority of the State of New York
Westchester County, NY

At 11:15 p.m., a security officer overheard voices in a darkened storage trailer in the protected area. The officer checked the trailer, noted that both doors were locked, a rear window was broken out, and other rear windows were covered over with dark material. The officer called for back-up and apprehended four contract employees leaving through the broken window. A search turned up the remains of a marijuana cigarette and the odor of marijuana. The four were taken to the security building, where one individual admitted to smoking marijuana in the trailer. One claimed to have been asleep, and the other two claimed no knowledge of the incident. A trace of these four individuals' key cards showed that one who claimed no knowledge of the incident had left the protected area at 10:34 p.m., and returned at 10:36 p.m. A search of his automobile turned up the remains of six more marijuana cigarettes. All four individuals' site access authorizations were suspended. Fuel present at site.

IX-83-05

04/02/83

Duane Arnold
Iowa Electric Light and Power Company
Linn County, IA

The licensee notified NRC Region III that a contract health physics technician was observed with a small vial of white powdery substance. The vial fell from his clothing and broke, spilling part of the powder. Licensee security personnel collected the spilled substance. A preliminary test by the local law enforcement agency identified the substance as cocaine. The health physics technician denied knowledge of the vial and its contents. The individual had been denied access to the site. Fuel present at site.

IX-83-06

05/20/83

Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

At 10:45 p.m., a security officer heard loud voices coming from a truck being off-loaded with scaffolding. The security officer saw one of the four laborers throw something into the passenger window of the cab. Upon searching, the security officer discovered a small amount of white substance inside a small glass container. During questioning, the laborer stated in writing that he had brought less than 1 gram of cocaine on site earlier that day for his own personal use and, when he was observed by the security officer, he dumped it inside the vehicle cab. The laborer's site access was suspended. Fuel present at site.

IX-83-12 09/26/83 Salem
Public Service Electric and Gas Company
Salem County, NJ

On September 23, 1983, two contractor security watchpersons had their jobs permanently terminated. One watchperson admitted to bringing marijuana to the site. The other knew of the substance, but did not report it. Fuel present at site.

IX-83-13 10/05/83 Midland
Consumer Power Company
Midland County, MI

During a routine patrol of the parking lot, security personnel saw what appeared to be contractor-owned tools in a personal vehicle. Search of the vehicle revealed a half pound of marijuana, as well as the contractor-owned tools. The owner of the vehicle had his employment terminated. Fuel not present at site.

IX-83-14 10/13/83 Zimmer
Cincinnati Gas and Electric Company
Clermont County, OH

Thirteen maintenance and janitorial workers resigned after a licensee investigation of on-site marijuana and alcohol use. Two other employees, who did not resign, were suspended indefinitely. Fuel not present at site.

IX-83-15 10/26/83 Marble Hill
Public Service of Indiana
Jefferson County, IN

At noon, six contractor employees were arrested by the State police for possession of controlled substances. Five craftsmen and one quality control inspector trainee were among the arrested. Fuel not present at site.

IX-83-16 11/09/83 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

At 8:15 a.m., during a routine search of a truck driver, 2 to 3 ounces of marijuana were found in his boot. The material was turned over to the county sheriff, and the driver was denied access to the protected area. Fuel present at site.

IX-83-17 12/05/83 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

After a seven-month undercover investigation by the San Luis Obispo Narcotic Task Force, the county district attorney authorized 21 criminal complaints for the sale of cocaine, methamphetamine, hashish and marijuana by current and former employees of the plant. Fuel present at site.

IX-84-01 02/16/84 Braidwood
 Commonwealth Edison Company
 Will County, IL

A half ounce of marijuana was found in a plastic bag on the floor of a frequently travelled construction office corridor. Numerous individuals working in the area were questioned, and no positive information was received. Local law enforcement officials were notified. Fuel not present at site.

IX-84-02 02/23/84 Limerick
 Philadelphia Electric Company
 Montgomery County, PA

An individual was found unconscious in a temporary lavatory outside the radwaste building. The site nurse's preliminary diagnosis was drug overdose (physical evidence was found). Local police were notified, and an ambulance was called. Hospital staff agreed with the nurse's diagnosis. The individual, who denied drug use, was employed by a subcontractor placing thermal insulation on safety- and non-safety-related piping. Fuel present at site.

IX-84-03 03/07/84 St. Lucie
 Florida Power and Light Company
 St. Lucie County, FL

At 11 a.m., a security guard discovered two contract employees with suspected marijuana inside a vehicle on-site. Both employees had their jobs terminated when the substance was confirmed to be 26 grams of marijuana.

IX-84-04 03/23/84 Dresden
 Commonwealth Edison Company
 Grundy County, IL

When the contract security force supervisor approached the guard shack in the parking lot (outside the protected area), he smelled marijuana. The guard was asked to submit to a urinalysis (part of the site drug program). He refused and left the property. His employment was subsequently suspended for failure to participate in a drug-related investigation. His access to the site was withdrawn. Fuel present at site.

IX-84-05 03/30/84 Midland
 Consumers Power Company
 Midland County, MI

Three licensee employees had their jobs terminated for possession or theft of controlled substances within owner-controlled plant boundaries. Fuel not present at site.

IX-84-11 07/19/84 Salem
Public Service Electric and Gas Company
Salem County, NJ

A small quantity of marijuana was found in the central alarm station. An investigation found a contract security guard who admitted having stored the substance. His employment was terminated. No evidence indicated that the guard used the substance while he was on duty. Fuel present at site.

IX-84-12 07/20/84 Dresden
Commonwealth Edison Company
Grundy County, IL

During a routine search at 11:30 a.m., a truck driver was found with four and one-half marijuana cigarettes. He was denied entry. The licensee called local law enforcement authorities, who arrested the individual. Fuel present at site.

IX-84-13 07/26/84 Vogtle
Georgia Power Company
Burke County, GA

The Burke County Sheriff's Office arrested two subcontractor employees for selling 28 grams of marijuana, off-site, to a Georgia Power Company investigator. The individuals were barred from the site. Fuel present at site.

IX-84-14 08/09/84 Pilgrim
Boston Edison Company
Plymouth County, MA

As part of routine access controls, the licensee found a contractor employee with a small amount of marijuana. He was turned over to the local police, and his site access authorization was terminated. Fuel present at site.

IX-84-15 08/15/84 Dresden
Commonwealth Edison Company
Grundy County, IL

At 7:15 a.m., during a routine search of a contractor, security personnel found a substance believed to be cocaine in the individual's possession. The contractor was denied access to the site, and the substance was turned over to the local law enforcement agency. Fuel present at site.

IX-84-16 08/21/84 Pilgrim
Boston Edison Company
Plymouth County, MA

During a routine search, the licensee found a contractor employee attempting to enter the site with a small amount of marijuana. The person was detained and turned over to the local police. His site access authorization was terminated. Fuel present at site.

IX-84-17 08/28/84 Pilgrim
Boston Edison Company
Plymouth County, MA

Following routine search procedures at the site vehicle access gate, the licensee found a contractor employee attempting to enter the site with a small amount of marijuana. The individual's site access was terminated, and he was turned over to the Plymouth police. Fuel present at site.

IX-84-18 09/10/84 Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

At 6 p.m., during a search of a subcontractor employee, security officials found a packet of marijuana on him. His employment and site access were terminated, and he was subsequently arrested by the Connecticut State Police. Fuel present at site.

IX-84-19 10/02/84 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

At 9:43 a.m., a truck driver delivering refueling equipment to the plant voluntarily turned over marijuana he was carrying after seeing a dog being brought to the semi-truck for what he thought was going to be a search. However, the dog was trained to search for explosives, not controlled substances. The driver was denied site access and was arrested by the county sheriff. Fuel present at site.

IX-84-20 10/23/84 Point Beach
Wisconsin Electric Power Company
Manitowoc County, WI

During routine search of a truck before site access, the licensee found a box with marijuana, cocaine, and associated paraphernalia. The drivers were denied access to the site, and the licensee notified the sheriff. The drivers subsequently were arrested in Two Rivers, Wisconsin. Fuel present at site.

IX-84-21 10/30/84 Sumner
South Carolina Electric and Gas Company
Fairfield County, SC

A contractor employee was found to have a gram of cocaine on his person. A small bag of marijuana and 12 grams of cocaine were found in his car. He was arrested, and his site access was terminated. The State of South Carolina was notified. Fuel present at site.

IX-84-22 11/07/84 Three Mile Island
 Metropolitan Edison Company
 Dauphin County, PA

The licensee's security force was alerted that two contract employees were smoking in an unauthorized area and that a marijuana aroma was present in the area. Security apprehended the two individuals and confirmed they had been smoking marijuana. Urine samples of the two employees were taken. Their access badges were revoked, and their jobs were terminated. Fuel present at site.

IX-84-23 11/12/84 Calvert Cliffs
 Baltimore Gas and Electric Company
 Calvert County, MD

An employee reported the aroma of marijuana at the 12 foot level of the auxiliary building. Investigation found two contract employees (insulators) had been smoking marijuana. Both had their site access terminated. Fuel present at site.

IX-84-24 11/21/84 Pilgrim
 Boston Edison Company
 Plymouth County, MA

At 12:30 p.m., during a search of a contract pipe-fitter at the main contractor access control facility, one-half ounce of marijuana was found. The local police arrested the individual, and the licensee terminated his site access. Fuel present at site.

IX-84-25 12/12/84 Hatch
 Georgia Power Company
 Appling County, GA

A supervisor for a contractor doing valve maintenance work informed the licensee that a vial with cocaine had been found in a trailer inside the protected area. The licensee suspended access to the protected area by the contractor's 45 employees until drug tests were performed. Fuel present at site.

IX-84-26 12/21/84 Calvert Cliffs
 Baltimore Gas and Electric Company
 Calvert County, MD

Two contractor janitors were involved in an altercation and escorted out of the protected area. Subsequent questioning of the individuals revealed the use of marijuana by contract employees. All of the contractor's employees were restricted from the site, pending completion of an investigation. Fuel present at site.

IX-85-01 01/10/85 Harris
 Carolina Power and Light Company
 Wake County, NC

The Wake County sheriff announced the arrest of six persons at the site on charges of drug possession, sale and distribution. One was employed by the construction contractor and the others by the electrical subcontractor. They were taken into custody when they reported for work. Warrants were issued for two others, another subcontractor employee and a former employee. The plant was about 90 percent complete. Fuel not present at site.

IX-85-02 01/23/85 Vogtle
 Georgia Power Company
 Burke County, GA

Four contractor employees and one licensee employee were fired for suspected drug use during the period January 16 through January 23, 1985. One of the contractor employees refused to go through the drug screening program. Tests conducted on the other four individuals were positive. All five persons were electrical quality control inspectors. The licensee conducted a thorough evaluation of the work performed by these individuals. Fuel present at site.

IX-85-03 01/30/85 Vogtle
 Georgia Power Company
 Burke County, GA

A licensee electrical quality control inspector was searched at the end of his shift before leaving the site and was found to have a substance suspected to be cocaine, as well as other suspected controlled substances. The employee was turned over to the custody of local law enforcement authorities. The individual had been screened for suspected drug use the previous week, but the results had been negative. Fuel present at site.

IX-85-04 02/19/85 Calvert Cliffs
 Baltimore Gas and Electric Company
 Calvert County, MD

At 3 p.m., a plant employee found a small plastic packet with an unidentified white powdered substance within the protected area, near a pedestrian door to the turbine building. The substance was turned over to the State Police, who determined the substance was cocaine. Fuel present at site.

IX-85-05 03/22/85 Oconee
 Duke Power Company
 Oconee County, SC

During a refueling outage, a contractor employee found a bag with less than 1 gram of marijuana. Four contractor employees failed a urinalysis, and one contractor supervisor had his employment

terminated for refusing to take the test. Site access was denied these individuals, and the local sheriff was notified. Fuel present at site.

IX-85-06 03/27/85 North Anna
Virginia Power Company
Louisa County, VA

At 7:30 a.m., during a random search, marijuana and suspected controlled substances were found on a contractor employee. The contractor was arrested by the county sheriff, and his access authorization was voided. Fuel present at site.

IX-85-07 04/19/85 Farley
Alabama Power Company
Houston County, AL

The utility initiated a drug screening program for all non-Alabama Power employees. Six individuals refused to be tested and were subsequently fired. Fuel present at site.

IX-85-08 05/09/85 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

At 7:30 a.m., during an access search, security found a contractor visitor with a small package of marijuana. He was denied access, and the county sheriff's office notified. Fuel present at site.

IX-85-09 05/13/85 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Six current or former employees of the licensee were arrested for the sale of drugs to undercover officers. These individuals included one maintenance employee, a warehouse employee, two mechanical maintenance employees, and two contract employees. The arrests were for the sale of drugs (primarily cocaine) off-site. The licensee also suspended 13 employees, pending further investigation of off-site drug use. The suspended individuals had been assigned to operations and maintenance. The licensee reviewed the work completed by the six arrested employees to determine their involvement in critical safety-related activities. Fuel present at site.

IX-85-10 06/13/85 Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

The licensee initiated an investigation of suspected drug use off-site by some members of the contract security force. One member admitted to off-site use of drugs and off-site use by several other members of the security force. There was no evidence of drug use by security personnel on duty. Fuel present at site.

IX-85-11 06/18/85 Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

During a drug investigation, allegations were made that one non-licensed auxiliary operator had used marijuana on-site with a contract security officer and a contract fire watch employee. The auxiliary operator admitted possession, but not use. The operator and all implicated contract personnel were suspended, pending further investigation. Allegations were also made of off-site drug use by non-supervisory members of the contract guard force. Fuel present at site.

IX-85-12 06/26/85 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

The San Luis Obispo Narcotics Task Force announced the results of an undercover drug investigation at the site. Nine people were charged with felony sale of cocaine, marijuana, and amphetamines off-site. Eight of those charged were contractor employees, and the ninth did not work on-site. The eight-month investigation revealed no evidence of on-site drug use. Fuel present at site.

IX-85-13 07/04/85 Millstone 1, 2 & 3
Northeast Nuclear Energy Company
New London County, CT

A contractor security employee on duty in the Millstone training center was apprehended with 2.5 oz. of marijuana. He was arrested by the Waterford Police, who charged him with possession with intent to sell because over 1 oz. was involved. The individual was an unarmed security watchman without authorized access to protected or vital areas. On July 8, 1985, the individual's employment was terminated. Two other contractor employees (also watchmen without protected or vital area access) who apparently had knowledge of the possession and took no action, were suspended. Fuel present at site.

IX-85-14 07/30/85 Nine Mile Point 2
Niagara Mohawk Power Company
Oswego County, NY

Licensee security surveillance of the plant parking lot prompted a search of two vehicles. Small quantities of marijuana and illegally obtained prescription drugs were found. The owners of the vehicles, two contractor test engineers, had their jobs immediately terminated and were charged with possession of drugs by the New York State Police. The test engineers were involved with instrument and control and system turnover activities. Fuel present at site.

made no public notification of the event, and kept the area under surveillance until Saturday, September 7, 1985, to identify the violators. However, they did not see anyone going into the marijuana garden area. After consultation with the State Police, the licensee pulled and burned the plants. On September 8, 1985, the licensee issued a press release on the event. Local citizen involvement in the marijuana planting was not ruled out, since individuals off-island could walk to it across rocks in the river. Fuel present at site.

IX-85-20 09/18/85 Palo Verde
Arizona Public Service Company
Maricopa County, AZ

The licensee notified the senior resident inspector that its architect/engineering contractor was currently investigating allegations of drug abuse by the contractor's employees. The licensee stated that the allegation was received by Arizona Public Service Company on September 13, 1985, and subsequently turned over to the contractor for investigation. The alleged provided the names of three individuals who were alleged to have abused drugs off-site. These three named individuals had their employment terminated after testing positive on a urinalysis examination. Fuel present at site.

IX-85-21 10/09/85 Zion
Commonwealth Edison Company
Lake County, IL

During a routine vehicle search, a camera bag was found in the cab of a truck delivering turbine components to the plant. The bag contained a make-shift pipe and a white powder substance believed to be a controlled substance. The owner of the bag was detained for the Zion Police by security personnel. The Zion Police confiscated the camera bag and contents, but did not arrest the individual. Fuel present at site.

IX-85-22 10/17/85 Vogtle
Georgia Power Company
Burke County, GA

The licensee terminated the jobs of four quality control inspectors because two tested positive when administered drug tests and two refused to take the tests on October 9, 1985. Two of the employees registered quality concerns with the licensee on the day of job termination. The personnel were contractor employees with Soils and Materials Testing Co. Fuel not present at site.

IX-85-23 10/31/85 Rancho Seco
 Sacramento Municipal Utility District
 Sacramento, CA

At 7:35 a.m., approximately half an ounce of a substance suspected to be marijuana was discovered in a vehicle being searched before access to the protected area. Neither the driver nor the truck was allowed access. The local law enforcement authority (LLEA) and the driver's employer, Tri-State Trucking, were notified. Due to the small amount of suspect material, the licensee, upon advice from the LLEA, allowed the individual to leave with his property. Fuel present at site.

IX-85-24 11/05/85 Dresden
 Commonwealth Edison Company
 Grundy Co., IL

Two truck drivers from different companies were denied site access. During routine vehicle searches, the guards found in the cab of one of the vehicles: 12 bags of alleged marijuana weighing approximately 34 ounces; five blue (unidentified) pills; and one hash pipe in one truck. In the cab of the other vehicle, guards found: two cans of beer; one alleged marijuana cigarette; cigarette rolling papers; and two red unidentified capsules. The two individuals were arrested by officers from the Grundy County Sheriff's Department. Fuel present at site.

IX-85-25 11/13/85 Rancho Seco
 Sacramento Municipal Utility District
 Sacramento, CA

At 8 a.m., during a vehicle search to enter the protected area, security officers discovered what appeared to be marijuana cigarette butts and a small quantity of marijuana. The county sheriff responded and, at the request of the Sacramento Municipal Utility District, cited and released the individuals involved. Fuel present at site.

IX-85-26 11/27/85 Davis-Besse
 Toledo Edison Company
 Ottawa County, OH

The licensee reported that a subcontractor on-site to pump out septic tanks was found with marijuana in his possession. The individual was immediately removed from the site, and the local law enforcement authority and his employee were notified. Fuel present at site.

IX-85-27 12/05/85 Robinson
Carolina Power and Light Company
Darlington County, SC

Deputies of the Darlington County Sheriff's Office, in cooperation with the licensee's security department, arrested one contract maintenance employee on-site for possession of an illegal substance discovered in his car, parked at the Robinson facility. The joint investigation resulted in the suspension of that employee and 18 other individuals suspected of drug abuse off-site. Four workers were licensee employees assigned to the nuclear facility, and two were contract (unarmed) security watchpersons. The remaining 12 were health physicist technicians, laborers, and maintenance workers provided by contractors. Marijuana and suspected drug paraphernalia were seized. Fuel present at site.

IX-85-28 12/06/85 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo Co., CA

Five individuals, two current and three former employees of the Diablo Canyon security force, were arrested by the San Luis Obispo County Narcotics Task Force for possession and sale of narcotics. Arrests occurred from mid-November through December 5, 1985. No evidence of narcotics activity at the site was indicated. Fuel present at site.

IX-85-29 12/31/85 Davis-Besse
Toledo Edison Company
Ottawa County, OH

During an entry search conducted on December 31, 1985, a security officer discovered less than a gram of a white powder substance in a vial found in a contractor's lunch box. The contractor was denied access and immediately left the site. The substance field-tested as cocaine and was turned over to local law enforcement authorities. Fuel present at site.

IX-86-01 01/09/86 Perry
Cleveland Electric Illuminating Company
Lake County, OH

At 10:30 a.m., licensee security personnel discovered a small quantity of marijuana during a search of a vending machine service truck. The driver of the truck was denied access to the site, and his security access authorization was revoked. Local law enforcement authorities were informed of this incident by the licensee, but declined taking any enforcement action since possession of marijuana in the quantity involved was considered a minor misdemeanor. The driver's employer was also informed by the licensee. Plant status: Preoperational. Fuel present at site.

IX-86-02 02/03/86 Braidwood
Commonwealth Edison Company
Will County, IL

The licensee terminated the employment of a site contractor quality control inspector due to positive drug-testing results. The drug test was performed because the individual was suspected of smoking marijuana on site. Plant status: Preoperational. Fuel present at site.

IX-86-03 02/28/86 Millstone
Northeast Nuclear Energy Company
New London County, CT

A small container of white powder found in the refueling outage building, within the protected area, was turned over to the Waterford Police by the licensee. The police notified the licensee that the powder was less than 0.25 ounces of low-quality cocaine. The licensee increased surveillance. There was no further incidence of drugs. Plant status: Operational. Fuel present at site.

IX-86-04 03/07/86 Perry
Cleveland Electric Illuminating Company
Lake County, OH

At 7:30 p.m., a contractor employee (a welder) was caught in possession of one marijuana cigarette and a small amount of cocaine by the licensee's controlled substance detection dog. The event occurred in the main parking lot, outside of the protected area. The individual's security access authorization was revoked, and the local Sheriff's Department was informed. The Sheriff's Department declined taking action due to the small quantities of controlled substances involved. Plant status: Preoperational. Fuel present at site.

IX-86-05 03/10/86 Waterford
Louisiana Power and Light Company
St. Charles Parish, LA

The licensee terminated the jobs of two security officers who had positive results on drug analysis tests. They were among a number of employees selected for testing under the licensee's fitness for duty program. Plant status: Operational. Fuel present at site.

IX-86-06 03/13-20/86 Davis-Besse
Toledo Edison Company
Ottawa County, OH

A security force supervisor's job was terminated because of a positive urinalysis test for cocaine use. The individual denied substance use, although an additional confirmatory test using a spectrometer showed the sample to be positive. On March 20, 1986, the laboratory conducting the urine analysis informed the licensee

that its quality control program established that the supervisor's sample contained no trace of illegal drugs. The security force supervisor was re-employed by the licensee. Plant status: Shutdown for equipment repair. Fuel present at site.

IX-86-07 03/27/86 Davis-Besse
 Toledo Edison Company
 Ottawa County, OH

See Category VII, Item VII-86-07.

IX-86-08 03/27/86 Perry
 Cleveland Electric Illuminating Company
 Lake County, OH

At 9:10 p.m., on March 27, 1986, a contractor employee (pipefitter) was caught in possession of a small quantity of marijuana in the main parking lot. The individual was denied access to the protected area, and his access authorization was revoked. The local sheriff's department was informed, but declined taking enforcement action because of the small amount involved. Plant status: Preoperational. Fuel present at site.

IX-86-09 04/03/86 Crystal River
 Florida Power Corporation
 Citrus County, FL

The licensee reported that he had completed an investigation of alleged marijuana use by eleven members of the contract security force. The investigation resulted in five job terminations, three individuals were entered in a rehabilitation program and three persons were cleared. Plant status: Operational. Fuel present at site.

IX-86-10 04/07/86 Susquehanna
 Pennsylvania Power & Light Company
 Luzerne County, PA

At 7:15 a.m., two female Pennsylvania Power & Light non-supervisory clerical employees were denied access to the protected area due to the possession of drug paraphernalia. A subsequent search of one individual's automobile in the main parking lot found a small quantity of marijuana. Both individuals were suspended without pay, pending completion of a drug-screening test. One individual had her employment terminated. The other individual was re-employed by the company, but not at a nuclear power plant. The local police were informed and investigated, but no charges were filed. Plant status: Operational. Fuel present at site.

IX-86-11 04/07/86 Clinton
 Illinois Power Company
 DeWitt County, IL

At 12:30 p.m., during normal search procedures, site security identified a controlled substance in a contractor employee's possession when he attempted to gain access to the protected area, via the craft security portal. The employee denied knowledge of the controlled substance. Access was denied. The individual agreed to chemical analysis of body fluids. The DeWitt County Sheriff was notified. Plant status: Preoperational. Fuel present at site.

IX-86-12 04/23/86 Perry
 Cleveland Electric Illuminating Company
 Lake County, OH

At 12:20 p.m., a contractor employee was caught in possession of a small quantity of marijuana in the main parking lot. The individual was denied access to the protected area, and his access authorization was revoked. The local Sheriff's Department was informed, but declined taking enforcement action because of the small amount involved. Plant status: Preoperational. Fuel present at site.

IX-86-13 04/25/86 Three Mile Island
 Metropolitan Edison Company
 Dauphin County, PA

At 12:35 a.m., a contract laborer employed by the licensee found a small amount of marijuana (less than one ounce) in a personnel change facility, within the protected area. The substance was immediately turned over to plant security personnel. The licensee conducted an investigation and notified the Pennsylvania State Police. No suspect was identified. Plant status: Unit 1, operational; Unit 2, shutdown. Fuel present at site.

IX-86-14 06/05/86 Hope Creek
 Public Service Electric and Gas Company
 Salem County, NJ

At 11:30 a.m., during a routine search of a contractor's vehicle, two 35-mm photographic film containers were found in a lunch box. A field test on the contents of one container determined it contained marijuana; the other contained an unknown substance in pill form which was turned over to local law enforcement officials for analysis. The driver of the vehicle stated that another employee had asked if he could place the lunch box on the truck bed before the driver approached the plant entrance. This was confirmed by the licensee. The lunch box owner was turned over to local law enforcement officials, and his access authorization was withdrawn. Plant status: Preoperational. Fuel present at site.

IX-86-15 06/11/86 Watts Bar
 Tennessee Valley Authority
 Rhea County, TN

The licensee informed the resident inspectors that a small quantity of controlled substance had been found by security alarm station personnel. TVA's Inspector General's Office completed an investigation without identifying the individual responsible. Plant status: Preoperational. Fuel present at site.

IX-86-16 06/12/86 Millstone
 Northeast Nuclear Energy Company
 New London County, CT

At 12:30 p.m., a contractor secretary at a protected area access point was randomly selected for search and found to be in possession of a small amount of marijuana. Access was denied and access authorization was terminated. The local police were notified. The licensee requested the contractor to ensure that his employees did not bring unauthorized substances on-site. Plant status: Operational. Fuel present at site.

IX-86-17 06/19/86 Davis Besse
 Toledo Edison Company
 Ottawa County, OH

A contractor employee was caught in possession of a small quantity of marijuana in the Unit 2 construction area. The individual did not have access to the Unit 1 protected area. The individual was not allowed to return to the site. No charges were filed because of the small amount involved. Plant status: Shutdown for equipment repairs. Fuel present at site.

IX-86-18 07/03-08/86 Byron
 Commonwealth Edison Company
 Ogle County, IL

On July 3, 1986, the site access badges of nine individuals were suspended pending further investigation of drug usage. On July 8, 1986, four individuals has their employments terminated after drug testing showed positive results for THC (active ingredient of marijuana); and five returned to duty after drug testing showed no evidence of drug usage. Although the individuals were assigned to work on Unit 2, which was under construction, they had had access to areas of Unit 1, which was in operation. The employees were among a listing of individuals provided to NRC Region III by an allegor in late June 1986. Region III provided the list of individuals to Commonwealth Edison Company for investigation. In addition to the drug testing, the licensee conducted a search or portions of the Byron site, using trained dogs, but uncovered no drugs. Plant status: Operational. Fuel present at site.

IX-86-19 7/17/86 North Anna
 Virginia Electric and Power Company
 Louisa County, VA

The licensee informed Region II that eight persons working for one of their contractors were denied access to the site as a result of a VEPCO internal security investigation relating to drug use. VEPCO informed Region II of this investigation in early July. The Company was providing painting services in the turbine building and yard area, non-safety-related. Plant status: Operational. Fuel present at site.

IX-86-20 7/17/86 Forth St. Vrain
 Public Service Company of Colorado
 Weld County, CO

At 2:31 a.m., the licensee determined that a watchman, on duty as a compensatory person positioned on the perimeter of the site, was under the influence of alcohol and not fit for duty. The individual was on post from 1:47 to 2:00 a.m., a total of 13 minutes. His site access and employment were terminated. Plant status: Shutdown. Fuel present at site.

IX-86-21 08/04/86 Rancho Seco
 Sacramento Municipal Utility District
 Sacramento County, CA

The Sacramento County Grand Jury report of an eight-month investigation into several concerns related to the Sacramento Municipal Utility District (SMUD) reported that "there was, and may continue to be, a significant problem with drugs and alcohol usage on-site at Rancho Seco by contract employees and SMUD employees." The Grand Jury reported that it found evidence of drug use during breaks and mealtime on-site. The report praised SMUD's new drug abuse program and recommended further investigation by the District Attorney. The licensee acknowledged the recommendations. Since the District Attorney's actions were out-side the jurisdiction of the NRC, this event was considered closed, pending further District Attorney communication. Plant status: Shutdown for equipment repair. Fuel present at site.

IX-86-22 08/25/86 Davis-Besse
 Toledo Edison Company
 Ottawa County, OH

Residue and suspected marijuana seeds were found in the glove compartment of a contractor's vehicle at 8:15 a.m., during a routine search before entry into the protected area. There was not enough residue to perform a field test, although the contractor did submit to a urine analysis test. The contractor's unescorted site access was suspended. Plant status: Shutdown for equipment repairs. Fuel present at site.

IX-86-23 09/06-09/11/86 Oyster Creek
 10/01/86 Jersey Central Power and Light Company
 Ocean County, NJ

Licensee investigation of the alleged off-site drug use by two operations department personnel led to termination of their employments. A shift clerk resigned early in the investigation, whereas a senior reactor operator (SRO) was discharged on September 30, after he refused to cooperate in the investigation. Analyses of urine samples provided by these employees indicated positive for a controlled substance. Operations management, from the Site Director down to all SROs, were required to provide urine samples. The licensee's investigation did not implicate other employees, as their test results were negative. Plant status: Shutdown for refueling. Fuel present at site.

IX-86-24 09/08/86 Monticello
 Northern States Power Company
 Wright County, MN

Site accesses for three contractor employees were withdrawn by licensee management after the results of voluntary urinalysis were positive. These employees volunteered to take the test, after a corporate management representative was told they might be drug users. The three employees denied using drugs, and there was no evidence that drugs were used on-site. Plant status: Operational. Fuel present at site.

IX-86-25 09/24-30/86 Byron
 Commonwealth Edison Company
 Ogle County, IL

A supervisor was concerned about an individual's job performance and discussed it with him. On September 23, 1986, the supervisor declared this individual not fit-for-duty, relieved him of all duties, and had his site access revoked. Results of a drug test on September 24, 1986, were positive. Previously, the individual had entered the licensee's employee counseling program. However, based on continued drug use, the individual's employment was terminated. Plant status: Operational. Fuel present at site.

IX-86-26 10/10-13/86 Surry
 Virginia Electric and Power Company
 Surry County, VA

The licensee completed investigation of alleged use of marijuana off-site by employees at Surry from 1979 until 1986. As a result, three security personnel, including the Supervisor of Security, and one health physicist had their employments terminated. Also, one member of the security force resigned. Allegations of off-site marijuana use, which allegedly occurred between 1979 and 1986, were substantiated, but no evidence was found for use while on duty. Plant status: Operational. Fuel present at site.

IX-86-27 10/10-13/86 North Anna
Virginia Electric and Power Company
Louisa County, VA

The licensee completed investigation of alleged use of marijuana off-site by employees at North Anna from 1979 until 1986. As a result of the investigation 6 security personnel and 2 health physicists personnel were terminated from employment. Two additional security personnel were reassigned to non-nuclear duties. Allegations of off-site marijuana use, which allegedly occurred between 1979 and 1986, were substantiated, but no evidence was found of use while on duty. Plant status: Operational. Fuel present at site.

IX-86-28 10/10/86 D. C. Cook
Indiana and Michigan Electric Company
Berrien County, MI

The site access of a contractor employee (radiation technician) was suspended for off-site possession of a controlled substance (cocaine). The individual was arrested and his employment terminated. During a court hearing subsequent to his arrest, the individual pleaded guilty to a misdemeanor for possession of a controlled substance. Plant status: Operational. Fuel present at site.

IX-86-29 10/10-14/86 Big Rock Point
Consumers Power Company
Charlevoix County, MI

Unannounced urinalysis drug testing of all plant employees was conducted on September 25, 1986. One licensee non-supervisory employee, assigned to the maintenance department, tested positive for marijuana. All confirmatory laboratory tests substantiated the original positive finding. At the direction of the plant superintendent, the employee was escorted off-site on October 10, 1986. The employee contacted a local substance abuse counseling agency under contract to the licensee. Plant status: Operational. Fuel present at site.

IX-86-30 10/10-26/86 Limerick
11/17/86 Philadelphia Electric Company
Montgomery County, PA

At 7 p.m., on October 10, 1986, a contract security watchperson found a small container containing drug paraphernalia and a small amount of a substance on the backseat of a licensee vehicle used for barrier patrols. The substance was analyzed and identified as 2 milligrams of cocaine, along with a residue of methamphetamine. Tighter controls were placed upon entry in and use of the vehicle. During the next month, the licensee's security contractor conducted drug testing for 17 security force members who had been in this patrol vehicle in the 8 hours before discovery of these drugs and

randomly tested other employees. The urine testing results proved negative for all security personnel and all but one of the randomly selected personnel tested, who had evidence of marijuana in his sample. The individual was suspended. Plant status: Unit 1, Operational; Unit 2, Preoperational. Fuel present at site.

IX-86-31 10/20/86 Palisades
Consumers Power Company
Van Buren County, MI

As part of an established fitness for duty program, Palisades tested all site employees for drug residues. Two individuals tested positive. The engineer technician who worked in the radiation protection data area was enrolled in a rehabilitation program, with a return to work allowed under certain provisions. The radiation protection technician failed to enroll in the rehabilitation program. His employment was terminated. Neither individual had records of poor job performance. Plant status: Shutdown for equipment repair. Fuel present at site.

IX-86-32 10/29- Kerr-McGee Chemical Company
11/03/86 West Chicago, IL

A small bag containing marijuana was discovered in the women's washroom on-site October 29, 1986. A female health physics technician trainee, hired five months previously, admitted ownership and was suspended on October 31, 1986. Her employment was terminated on November 3, 1986. Licensee management stated that the individual worked under direct supervision of experienced technicians and was not in a position to affect the licensee's program.

IX-86-33 10/20/86 Oyster Creek
Jersey Central Power & Light Company
Ocean City, NJ

A supervisor suspected that he smelled marijuana smoke while touring the new radwaste building located inside the protected area of the plant. The supervisor also observed a contract laborer in the area who was smoking. The supervisor immediately informed the security force of his suspicions. The laborer and four other contract laborers who had been working in the same area were interviewed. They denied smoking marijuana and refused to take a drug test. During questioning by site security, one of the laborers produced a small clear plastic bag full of a white powdery substance, which he claimed was headache powder. It was confiscated and turned over to the Lacey Township Police for analysis. A physical search of the laborers was also conducted. A foil packet full of white, powdery substance was found in the wallet of the laborer who had been carrying the "headache powder." This was also analyzed by the Lacey Township Police. No other substances was found. Site access for the five laborers was terminated. The contractor subsequently discharged them. Plant status: Shutdown for refueling. Fuel present at site.

IX-86-34 11/05/86 Grand Gulf
Mississippi Power and Light Company
Clairborne County, MS

Drug Enforcement agents arrested a quality assurance inspector for suspected drug involvement off-site. The individual's employment was suspended, and his site access revoked. Plant status: Operational. Fuel present at site.

IX-86-35 11/07/86 Waterford
Louisiana Power & Light Company
St. Charles Parish, LA

The licensee reported that a health physics supervisor resigned because he failed a drug screening test. Plant status: Operational. Fuel present at site.

IX-86-36 11/24/86 Limerick
Philadelphia Electric Company
Montgomery County, PA

Security force members discovered approximately 8 grams of marijuana during a routine patdown search of a trucker attempting to gain escorted visitor access to plant protected area to deliver construction materials. The trucker voluntarily surrendered the marijuana and was arrested by the Limerick Township Police. He was fined for disorderly conduct, released by the police, and subsequently had his truck unloaded by Teamster representatives. He was never inside the protected area. He had also earlier surrendered a loaded 357-caliber magnum revolver to construction security. The gun was checked by local authorities and returned to the trucker when he left the site. Plant status: Unit 1, Operational; Unit 2, Preoperational. Fuel present at site. (See Category VII, Item VII-86-21.)

IX-86-37 11/24/86 Rancho Seco
Sacramento Municipal Utility District
Sacramento, CA

At 7:20 p.m., a security guard found a plastic bag with less than an ounce of marijuana within the protected area, by a vital area gate on the turbine deck. Through computer access records, security personnel limited suspects to three contractor personnel who had been using the vital area gate in the period immediately preceding the discovery. Upon questioning, two of the three individuals denied any knowledge of the marijuana, but the third admitted bringing the bag on-site in his sock. This individual, a craft laborer, was removed from the site and denied further site access. Plant status: Operational. Fuel present at site.

IX-86-38 12/08-31/86 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

On December 8, 1986, a licensee employee noticed an odor in the Unit 1 reactor building. A subsequent investigation by the

licensee identified two items which appeared to be residue from marijuana cigarettes. The licensee's investigation identified 23 persons who might have been in the area. Urinalysis testing was initiated on December 17, 1986. Twenty-two individuals tested negative. One contract employee refused to be tested. His job was terminated. Plant status: Shutdown. Fuel present at site.

IX-86-39 12/12/86 Rancho Seco
Sacramento Municipal Utility District
Sacramento, CA

At 6:30 a.m., a health physics supervisor found a plastic bag with less than an ounce of organic material, later analyzed as marijuana, within the change area on the hallway floor. Local law enforcement was notified, but declined to investigate. Plant status: Operational. Fuel present at site.

IX-86-40 12/17/86 Fermi
Detroit Edison Company
Monroe County, MI

See Category VII, Item VII-86-24.

IX-86-41 12/18/86 Palisades
Consumer Power Company
Van Buren County, MI

As a result of recent drug testing under their fitness for duty program, the licensee identified one individual who tested positive. This individual, a contract radiation protection technician, worked on-site less than a month and had a good work record. His site access was terminated. Plant status: Operational. Fuel present at site.

IX-86-42 12/24/86 Pilgrim
Boston Edison Company
Plymouth County, MA

Local authorities announced that a licensee health physics technician, employed as a temporary health physics supervisor during the plant outage, died on December 24, 1986, from a cocaine-induced drug overdose at his residence in Plymouth, Massachusetts. Local police told the licensee that the individual was not a previously known drug user or dealer. No drug usage on-site had been noted. Following the incident, the licensee increased drug surveillance activities (search dogs and inspections). No indication of drug substances or use on-site was found. Plant status: Operational. Fuel present on site.

IX-87-01 01/06/87 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

During a protected area entry search, a leather pouch in the pocket of a warehouse employee caused the fixed metal detector to announce twice. The pouch contained: a razor blade, a straw, a small spoon, a mirror, and a vial with traces of a white residue. The licensee's field test identified the residue to be cocaine (less than one gram). The employee denied using any drug since February 1986. He indicated that he had received this pouch as a gift and, while in the process of cleaning his apartment, had forgotten that he had placed this pouch in his pocket. The employee was denied access to the protected area and was given a urinalysis test. The result was positive, and his employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-02 01/07/87 Pilgrim
Boston Edison Company
Plymouth County, MA

During a routine afternoon tour by licensee security personnel, two contractor personnel were observed consuming alcoholic beverages in their vehicles in the contractor parking lot. The licensee terminated both individuals' employment. Plant status: Operational. Fuel present at site.

IX-87-03 01/13/87 Catawba
Duke Power Company
York County, SC

A security specialist was arrested off-site for possession of drugs with the intent to distribute and for criminal conspiracy. The individual was relieved of duty at the site. The licensee's site security organization cooperated with local law enforcement officials in the investigation of drug activity. There was no indication that plant operators were involved. Plant status: Operational. Fuel present at site.

IX-87-04 01/14/87 Dresden
Commonwealth Edison Company
Grundy County, IL

During a routine entry search, a contractor employee exhibited slurred speech and the odor of alcohol was detected. A full beer can was discovered in his coat during the search. He was denied access, and his employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-05 01/14/87 Browns Ferry
Tennessee Valley Authority
Limestone County, AL

A contractor welding inspector was arrested in Mississippi and charged with possession of cocaine with intent to sell, a felony, and misdemeanor possession of marijuana. His access was terminated. Plant status: Shutdown. Fuel present at site.

IX-87-06 01/15/87 Dresden
Commonwealth Edison Company
Grundy County, IL

During a routine entry search, security officers found a half pint bottle of brandy in a duffel bag carried by a contractor foreman. His behavior did not appear impaired, but he was denied site access. Plant status: Operational. Fuel present at site.

IX-87-07 01/21/87 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

The licensee investigated an employee's allegation of drug use by 14 employees who worked with the alieger. Three employees, employed off-site and generally not involved with day-to-day operations, tested positive and were suspended for thirty days without pay, and site access for each individual was revoked. One individual resigned after refusing to be drug tested, and 10 were cleared after extensive drug testing. Plant status: Shutdown. Fuel present at site.

IX-87-08 01/22/87 Farley
Alabama Power Company
Houston County, AL

A mechanic tested positive for drugs, and his employment was terminated. The mechanic had previously been in a rehabilitation program. Plant status: Operational. Fuel present at site.

IX-87-09 01/22/87 Fermi
Detroit Edison Company
Monroe County, MI

A licensed nuclear supervising operator tested positive in a random drug screening, and his employment and site access were suspended. Both an initial test and a confirming test of the sample showed positive findings, indicative of more than a passive inhalation of THC, the active ingredient in marijuana. The licensee conducted an immediate review of the operator's work assignments over the previous two weeks. He had performed instrument panel walkdowns while the plant was in cold shutdown. There was no evidence of error in his performance. Plant status: Operational. Fuel not present at site.

IX-87-10 01/23/87 Summer
South Carolina Electric & Gas Company
Fairfield County, SC

A contractor electrical supervisor failed a routine drug test and admitted to smoking marijuana. His access was suspended. Plant status: Operational. Fuel present at site.

IX-87-11 01/27/87 Fort Calhoun
Omaha Public Power District
Washington County, NE

A contract employee, who had been employed in the radwaste group for approximately 5 months, had his employment terminated after he tested positive for marijuana and amphetamine usage. He was one of 20 contract employees subjected to urinalysis testing as part of the licensee's newly initiated drug screening program to test all contract employees scheduled to work during outages. Plant status: Operational. Fuel present at site.

IX-87-12 02/05/87 Fitzpatrick
New York Power Authority
Oswego County, NY

During a random search of personnel entering the facility, the licensee found approximately 30 capsules in a contractor's lunch box. After the licensee took several capsules for analysis, the individual admitted that they were a controlled substance. The individual was denied access to the facility, and the matter was turned over to local law authorities. Plant status: Operational. Fuel present at site.

IX-87-13 02/06/87 Vogtle
Georgia Power Company
Burke County, GA

Two tenths of a gram of cocaine (approximate value \$35.00) was found on a hallway floor in the site field engineering building, located outside the protected area, on the Unit 2 construction side of the site. Local law enforcement officials were notified, and the material was verified as cocaine at the Augusta Crime Lab. The site investigation, including a drug-dog search, produced negative results. Plant status: Operational. Fuel present at site.

IX-87-14 02/10/87 Waterford
Louisiana Power & Light Company
St. Charles Parrish, LA

During protected area entry search of a diesel fuel oil truck, security guards found three tablets in an unmarked container. The tablets were suspected to be illegal drugs and were turned over to local law enforcement officials. The licensee released the driver into the custody of his management, who arranged for a different

driver to bring the truck on site. The driver was permanently barred from the site. Plant status: Operational. Fuel present at site.

IX-87-15 02/17-19/87 Byron
Commonwealth Edison Company
Ogle County, IL

During a routine pre-entry search of a vehicle transporting equipment for a refueling outage, a security officer discovered items believed to be prohibited substances (13 black capsules, 40 white pills, a bag of leafy substance, and a bag of rolling papers). The driver and the suspected material were turned over to the Ogle County Sheriff's Department. Tests determined the substances to be marijuana and "look alikes", and the licensee notified the shipper, the trucking company and the vendor and placed the driver on the denied access list. The Ogle County Sheriff's Department elected not to arrest the driver, based on the amount of contraband uncovered. Plant status: Operational. Fuel present at site.

IX-87-16 03/09/87 Sequoyah Fuels Corporation
Gore, OK

A health physics technician, employed for several months as a contractor temporary technician and in the process of becoming a permanent employee, was discharged because he tested positive in urine drug tests.

IX-87-17 03/13/87 Sumner
South Carolina Electric & Gas Company
Fairfield County, SC

A contract employee failed the routine drug screening test, and his security badge was withdrawn. Plant status: Operational. Fuel present at site.

IX-87-18 03/13/87 Fort Calhoun
Omaha Public Power District
Washington County, NE

Cooper Station
Nebraska Public Power District
Nemaha County, NE

A contractor employee who inspected periodically at Fort Calhoun was arrested for alleged possession of methamphetamine and miscellaneous other charges. This employee also had inspected at Cooper Nuclear Station. Both Fort Calhoun and Cooper rescinded the individual's access and reviewed work he performed. Plant status: Operational. Fuel present at sites.

- IX-87-19 03/18-26/87 D. C. Cook
Indiana & Michigan Electric Company
Berrien County, MI
- Twelve employees of a site contractor tested positive for THC, the active ingredient in marijuana, during an unannounced drug screening test. Their site access was revoked. Plant status: Operational. Fuel present at site.
- IX-87-20 03/20/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA
- A worker found a small bag of a green, leafy substance in a switchyard at the site and notified security. A field test indicated the substance tested "positive" as marijuana. Security searched the entire area and found no further indications of drug use. The substance appeared old and had been wet, as leaves were stuck together. No suspects were identified. Plant status: Shutdown. Fuel present at site.
- IX-87-21 03/25/87 Turkey Point
Florida Power & Light Company
Dade County, FL
- Five contractor personnel were escorted off-site and their access badges were withdrawn when evidence of their use of a controlled substance within the protected areas was found. A search of their vehicle revealed the presence of drug paraphernalia, but no controlled substance. Plant status: Operational. Fuel present at site.
- IX-87-22 03/26/87 Sumner
South Carolina Electric & Gas Company
Fairfield County, SC
- Site access clearance for a contractor health physics person was withdrawn after he tested positive on a drug screening test. Plant status: Operational. Fuel present at site.
- IX-87-23 03/31/87 Sequoyah
Tennessee Valley Authority
Hamilton County, TN
- A caller notified TVA's Public Safety Services that a member of the Sequoyah Security Training Department was using drugs. The accused, a security training lieutenant, was questioned concerning the allegation and admitted cocaine use. His employment was suspended. Plant status: Operational. Fuel present at site.
- IX-87-24 04/06/87 Arizona Radiation Regulatory Agency
Phoenix, AZ
- An Arizona Radiation Regulatory Agency's radiochemist was arrested for selling methamphetamine to agents of the Drug Enforcement

Agency (DEA). A search of the agency's laboratory was conducted by DEA agents. No equipment was confiscated. The radiochemist's employment was terminated, and he was later convicted for sale of methamphetamine.

IX-87-25 04/08/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

The senior resident inspector was informed by the operations superintendent that a quality control inspector smelled what he believed to be marijuana on the Unit 2 side of the expanded metal barrier that surrounds the Unit 1 protected area. The licensee conducted an investigation to identify the source of the alleged use of a controlled substance with negative results. Plant status: Operational. Fuel present at site.

XI-87-26 04/10/88 Turkey Point
Florida Power & Light Company
Dade County, FL

Fourteen contractor maintenance employees were tested for drugs. Three tested positive, and site access was revoked. Plant status: Operational. Fuel present at site.

IX-87-27 04/11/87 Trojan
Portland General Electric Company
Columbia County, OR

The licensee received information that a temporary licensee employee (outage labor) was arrested at his home for growing marijuana and possession of cocaine. His site access was terminated. Plant status: Operational. Fuel present at site.

IX-87-28 04/13/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

The resident inspector was notified that a contractor carpenter, scaffold builder, was smoking marijuana outdoors, within the protected area of Unit 1. Rather than submit to a drug test at the medical facility, the accused quit his job and refused to be tested. The man was escorted off-site, and his badge was withdrawn. Plant status: Operational. Fuel present at site.

IX-87-29 04/13/87 Callaway
Union Electric Company
Callaway County, MO

Based on allegations received by the licensee, the entire guard force was given a urinalysis test for drugs. Only one individual, a part-time watchman who had been hired for plant outage coverage and had worked at the plant for only two weeks, tested positive for phencyclidine (PCP). The individual's employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-30 04/13/87 Byron
Commonwealth Edison Company
Ogle County, IL

During entry search of a contractor employee, a metal match box was detected. The employee seized the box and immediately ran from the gatehouse, attempting to dispose of the item by throwing it away. The box was retrieved by security personnel, and a field test by the Ogle County Sheriff confirmed that it contained marijuana. The employee's badge was withdrawn, and he was denied access. Plant status: Operational. Fuel present at site.

IX-87-31 04/15/87 Turkey Point
Florida Power and Light Company
Dade County, FL

A Dade County Metro police officer informed the licensee of possible drug use by a contractor employee. The contractor employee refused drug screening and resigned. Plant status: Operational. Fuel present at site.

IX-87-32 04/20/87 Salem
Public Service Electric and Gas Company
Salem County, NJ

During his annual physical, a licensed control room operator tested positive for use of a controlled substance. The operator agreed to additional testing. The second test was also positive. The operator's employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-33 04/21/87 Sequoyah
Tennessee Valley Authority
Hamilton County, TN

As a result of an allegation against a lieutenant of the guard force, (See Item IX-87-23), TVA's Public Safety Services (PSS) conducted an investigation into drug use by Sequoyah personnel. Drug tests were administered to 26 individuals; six individuals from PSS admitted using drugs and 14 other employees tested positive. Of the 14 who tested positive, 3 were guards, 2 were PSS clerks, 3 were instrumentation and control mechanics, 1 was a health physics technician, and 5 were laborers. A guard refused to be tested and was fired. The individuals that tested positive have been restricted from site access. Plant status: Operational. Fuel present at site.

IX-87-34 04/25/87 Millstone
Northeast Nuclear Energy Company
New London County, CT

An "A" mechanic in the Unit 3 maintenance department, authorized to work on nuclear equipment, was arrested off-site and charged by the police with possession of cocaine with intent to sell. His

authorization to enter the site protected and vital areas was terminated one hour after his arrest. No on-site use or sale of cocaine was identified or alleged. Plant status: Operational. Fuel present at site.

IX-87-35 05/02-05/87 Clinton
Illinois Power Company
DeWitt County, IL

On May 2, 1987, a guard supervisor observed a contract security guard talking loudly and using profanity. The guard was relieved of duty, denied site access, and tested for alcohol. The contract employee had been on duty for three hours, during which time he had conducted several vital area patrols. On May 5, 1987, the test results showed he had been intoxicated while on duty, and he was fired. The licensee changed all security locks and retrained supervisors in behavioral observation. Plant status: Operational. Fuel present at site.

IX-87-36 05/06-07/87 Peach Bottom
Philadelphia Electric Company
York County, PA

Approximately 30 grams of suspected marijuana in a pouch fell out of the pocket of a jacket a contractor technician was putting on. The employee had put on a jacket which was not his. He called security who interviewed the jacket's owner, a contract catalytic laborer. The laborer admitted that the substance belonged to him and said that he accidentally brought it on-site. His employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-37 05/08/87 Fermi
Detroit Edison Company
Monroe County, MI

During his annual physical, a non-licensed nuclear power plant operator tested positive for the use of cocaine. The employee's protected area access was immediately suspended. Plant status: Operational. Fuel present at site.

IX-87-38 05/09/87 Millstone
Northeast Nuclear Energy Company
New London County, CT

Two guard force watchmen were found with two "six packs" of beer in their possession (eleven unopened cans and one open can) in the waiting area used by escorts for vehicles entering the protected area. The employment of one watchman was terminated and the other suspended. The guard force contractor's supervisory policies were revised. Plant status: Operational. Fuel present at site.

IX-87-44 05/20/87 D. C. Cook
Indiana and Michigan Electric Company
Berrien County, MI

As a result of allegations received by the licensee, urinalysis drug screening tests were conducted on eight contractor painters. Four tested positive and had their site access withdrawn. The areas in which the employees worked were examined, and no problems were found. Plant status: Operational. Fuel present at site.

IX-87-45 05/22/87 Surry
Virginia Power Company
Surry County, VA

Virginia State Police, assisted by the licensee, conducted a drug probe which led to the arrest of a licensee labor foreman (primarily responsible for supervision of custodial workers) for possession of cocaine with intent to distribute. The employee's employment was suspended. Plant status: Operational. Fuel present at site.

IX-87-46 05/25-26/87 Indian Point
Consolidated Edison Company
Westchester County,

On May 25, 1987, a contractor quality assurance engineer, employed since April 1987 to perform outage-related work, was arrested off-site for possession of crack and released on bail. On May 26, 1987, after the employee had completed a regular work day, the licensee learned of the arrest through a news reporter's inquiry and immediately suspended the employee's site access. Plant status: Operational. Fuel present at site.

IX-87-47 06/05/87 Zion
Commonwealth Edison Company
Lake County, IL

An informant notified the licensee's security force contractor that two security officers took amphetamine pills at an off-site party, April 24-25, 1987. The two officers claimed the pills contained caffeine, and both submitted to a polygraph on June 5, 1987. They failed the test, and their site access was suspended. Plant status: Operational. Fuel present at site.

IX-87-48 06/08/87 Turkey Point
Florida Power and Light Company
Dade County, FL

The licensee received a telephonic allegation that one of the contractor security force captains was a drug user. The individual's site access was suspended. He subsequently tested positive for drug use, and his employment was suspended. Plant status: Operational. Fuel present at site.

IX-87-49 06/12/87 Three Mile Island
GPU Nuclear Corporation
Dauphin County, PA

Ten employees tested positive for drugs. Of the ten, one resigned, one was fired for failure to cooperate in the investigation, and eight were suspended without pay pending successful completion of a rehabilitation program and evaluation by the licensee's psychologist. One additional employee refused to be tested and was discharged. Plant status: Shutdown. Fuel present at site.

IX-87-50 06/16-19/87 Hatch
Georgia Power Company
Appling County, GA

On June 16, 1987, the licensee received a call stating a guard at the site was using cocaine. The guard's access was terminated, and he was tested for drug use. On June 19, 1987, based on positive test results, the guard's employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-51 06/16-07/13/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

On June 16, 1987, as the result of an extensive tri-county drug investigation, the Sacramento, California Narcotics Task Force arrested two Rancho Seco employees (a utility clerk and a utility helper) for possession, sale, and use of cocaine. The licensee subsequently interviewed forty employees, including the two arrested individuals, concerning their drug involvement, and took the following action: Thirteen employees employed primarily outside the protected area had their employment terminated because of drug involvement (3 custodial workers, 4 clerical personnel, 1 telephone operator, 1 plant mechanic, 1 laborer, 2 associate nuclear engineers and 1 principal engineer). Eight contract employees were terminated from employment (4 craft personnel, 2 clerical personnel, 1 health-physics technician, and 1 engineer). Ten employees were placed in the licensee drug rehabilitation program (6 of the 10 received a 5-15 days suspension). Eight employees were returned to work. On October 19, 1987, the utility clerk pleaded guilty to conspiracy and sale of cocaine and was sentenced in Superior Court to 360 days in jail for arranging to sell an undercover agent a pound of cocaine for \$20,800. Plant status: Shutdown. Fuel present at site.

IX-87-52 06/17-26/87 Summer
South Carolina Electric and Gas Company
Fairfield County, SC

On June 17, 1987, a custodial contract employee was arrested off-site for possession of drugs. On June 26, 1987, the licensee withdrew the employee's security badge. Plant status: Operational. Fuel present at site.

IX-87-53 06/19/87 Trojan
Portland General Electric Company
Columbia County, OR

The licensee investigated an allegation of drug usage by contractors and concluded that two temporary employees, not involved in safety-related work, had probably used cocaine off-site. Their employment was terminated. There was no indication of on-site usage. Plant status: Operational. Fuel present at site.

IX-87-54 06/20/87 Vogtle
Georgia Power Company
Burke County, GA

A contractor employee found a small quantity of marijuana in a men's room located in a vital area. Plant status: Operational. Fuel present at site.

IX-87-55 06/20/87 Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

During a routine tour, the security shift supervisor observed a security guard to be smoking two cigarettes outside of the maintenance building in the south yard of the protected area. Because of the circumstances, the individual's badge and firearm were removed, and he was searched. A half-smoked marijuana cigarette was found in the guard's possession. He was escorted off-site, and his site access was terminated. Plant status: Operational. Fuel present at site.

IX-87-56 06/30/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

The licensee's security staff noticed drug paraphernalia (i.e., razor blade) in a fire watch contract employee's wallet. The individual, employed since June 9, 1987, admitted to drug use, refused a urinalysis, and resigned. He was terminated from employment and escorted off-site. Plant status: Operational. Fuel present at site.

IX-87-57 07/01/87 LaSalle
Commonwealth Edison Company
LaSalle County, IL

The licensee received allegations that a contract employee used illegal substances off-site. The employee was requested to undergo a urinalysis test. The results were positive for both cocaine and marijuana, and his site access was withdrawn. Plant status: Operational. Fuel present at site.

IX-87-58 07/01/87 Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

A three-level drug testing program was completed for the entire security force (109 persons) after a guard was found smoking marijuana on June 20, 1987 (see Item IX-87-55). The first test level was an enzyme multiplied immunoassay technique (EMIT); the second level, for any EMIT positive results, was a gas chromatography mass spectrometer (GCMS); and the third, for any GCMS positive findings, was a physician's evaluation for possible false positives due to prescription drugs or foods. Three individuals tested positive after the second level test, and their access was terminated. Plant status: Operational. Fuel present at site.

IX-87-59 07/01/87 Davis Besse
Toledo Edison Company
Ottawa County, OH

The site access for a licensee mechanic was revoked as a result of a positive finding in a drug screening urinalysis test, conducted under the licensee's fitness for duty program. Plant status: Operational. Fuel present at site.

IX-87-60 07/02/87 Byron
Commonwealth Edison Company
Ogle County, IL

During a routine search at the protected area gate, a security officer found what he believed to be a controlled substance (14 burned cigarette butts thought to be marijuana) in a tractor trailer. The truck and driver were denied access. The substance was turned over to the local sheriff department. The driver was not charged, and after his employer was notified, he was released. Plant status: Operational. Fuel present at site.

IX-87-61 07/07/87 Pilgrim
Boston Edison Company
Plymouth County, MA

A contractor security guard tested positive on his annual drug screening test. The security guard was escorted off-site and his site access was terminated. Plant status: Operational. Fuel present at site.

IX-87-62 07/08/87 Peach Bottom
Philadelphia Electric Company
York County, PA

During a routine search before entering the protected area, a contract janitor was found to be carrying a controlled substance in a cigarette pack. The individual admitted to storing drugs in his car on licensed property. His employment was terminated, and

IX-87-66 07/20/87 Indian Point
New York Power Authority
Westchester County, NY

The licensee was called by a woman who alleged that her daughter had been assaulted by a drug user employed at Unit 3. The licensee contacted the local police department and determined that a 20-year-old technician, employed at the site since May 1987, had been arrested and charged with assault, burglary, unlawful imprisonment, and possession of a deadly weapon. No drugs were found at the time of arrest. His site access was revoked, and his employment was terminated. The individual pleaded guilty to 1st degree burglary and was sentenced to 8 years in prison. Plant status: Operational. Fuel present at site.

IX-87-67 07/23/87 Braidwood
Commonwealth Edison Company
Will County, IL

The licensee received an allegation that a contractor health physics technician attempted to sell drugs to a licensee employee off-site. The contract employee allegedly admitted off-site drug use and refused to take a drug screening urinalysis. His site access was immediately revoked, and his employment was terminated. The licensee reported that while at the plant the individual always worked with at least one other HP technician. The licensee's review showed no indications of work deficiencies. Plant status: Operational. Fuel present at site.

IX-87-68 07/27/87 Cooper Station
Nebraska Public Power District
Nemaha County, NE

Under the licensee's random urinalysis sampling plan, a security guard provided a specimen which had an unrealistic pH, indicating the sample may have been diluted. He refused to provide a second sample, and his employment was terminated. Plant status: Operational. Fuel present at site.

XI-87-69 08/04/87 Peach Bottom
Philadelphia Electric Company
York County, PA

A contractor security sergeant was given a routine annual physical examination and tested positive for marijuana. The individual was interviewed, and he admitted to using marijuana. He stated that he had never reported to work under the influence of marijuana, nor had he ever used it on-site. The individual's employment was terminated, his security badge was pulled. Plant status: Shutdown. Fuel present at site.

IX-87-70 08/05/87 Vogtle
Georgia Power Company
Burke County, GA

A polygraph examination, administered as part of an application for employment, showed deception relative to drug use by a contract security employee assigned to the security training section. The employee subsequently admitted to the use of marijuana and cocaine. A drug analysis was positive for cocaine use, and he was denied employment. Plant status: Operational. Fuel present at site.

IX-87-71 08/06/87 Palo Verde
Arizona Public Service
Maricopa County, AZ

The employment of a security officer was terminated after he tested positive for cocaine in a random drug screening test. Plant status: Operational. Fuel present at site.

IX-87-72 08/08/87 Surry
Virginia Power Company
Surry County, VA

During a routine search for protected area entry, a contractor vehicle was found to contain smoking apparatus and residue of marijuana. The vehicle was denied access, and three contractor personnel were escorted from the protected area and directed to leave the licensee's property. Plant status: Operational. Fuel present at site.

IX-87-73 08/11/87 San Onofre
Southern California Edison
San Diego County, CA

Based on a tip from an informant, a licensee boiler and condenser mechanic was searched when he reported for work. The search included the individual's vehicle and lockers, as well. A lens case containing a white substance identified as "speed" was found on the individual, and two pipes containing marijuana residue were found in the vehicle. A urine sample was taken and tested positive for both amphetamine and marijuana. His employment was terminated for possession of drugs on-site. Plant status: Operational. Fuel present at site.

IX-87-74 08/19/87 Summer
South Carolina Electric and Gas Company
Fairfield County, SC

A temporary licensee emp (Mark) tested positive for marijuana on a routine random drug screening test and resigned. The employee's unescorted (Mark) tested. Plant status: Operational. Fuel present at site.

IX-87-75 08/21/87 La Crosse
Dairyland Power Company
Vernon County, WI

The licensee was informed by another utility that a non-licensed plant worker had failed his pre-employment drug screening test. The individual's site access was removed. Plant status: Operational. Fuel present at site.

IX-87-76 08/25/87 Wolf Creek
Kansas Gas and Electric Company
Coffee County, KS

The employment of a licensee employee with protected area access was terminated for submitting a spurious urinalysis sample. The individual had been tested three times in the past year with negative results. Plant status: Operational. Fuel present at site.

IX-87-77 09/03-04/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

Based upon a confidential allegation received by the licensee alleging marijuana use by security force members, a gas mass-chromatography test for drug use was given to a random group of ten guards. Test results were negative for nine of the ten tested. One person tested positive for methamphetamines, and his employment was terminated. An additional security contractor employee refused to submit to the testing, and his employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-78 09/03/87 Dresden
Commonwealth Edison Company
Grundy County, IL

During a routine vehicle search, security personnel found one marijuana cigarette on the floor of a delivery truck. The vehicle was a company vehicle assigned off-site. The driver denied knowledge of the marijuana and stated the vehicle was driven by many different people. The Grundy County Sherriff's Department was contacted and took custody of the cigarette. No arrests were made. Access was denied to the driver. Plant status: Operational. Fuel present at site.

IX-87-79 09/04/87 D.C. Cook
Indiana and Michigan Electric Company
Berrien County, OH

An employee failed the urinalysis test, given as part of the licensees fitness for duty program. Based on the test results, his site access was permanently revoked, and his employment terminated. Plant status: Operational. Fuel present at site.

IX-87-80 09/04/87 Peach Bottom
Philadelphia Electric Company
York County, PA

Based on suspected use and/or dealing of controlled substances, access to the protected area was suspended for three licensee maintenance department employees, in accordance with the provisions of the fitness for duty program. Plant status: Shutdown. Fuel present at site.

IX-87-81 09/09/87 Clinton
Illinois Power Company
Dewitt County, IL

A security officer's employment was terminated when he tested positive for benzodiazepine under the random sampling provisions of the fitness for duty program. The individual admitted to taking his father's prescription sleeping pill, Dolmame, which contains benzodiazepine. Plant status: Operational. Fuel present at site.

IX-87-82 09/14-10/7/87 Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

On September 14, 1987, a security supervisor detected the odor of marijuana smoke outside the turbine building which is inside the protected area. An immediate search revealed nothing. A licensee evaluation of key card computer records identified individuals whose location could not be specifically determined at the time of the incident. Each individual was given a drug test. On October 7, 1987, test results showed that one health physics technician tested positive. He admitted to using marijuana, but denied using it on-site. His protected area access was suspended and he entered a rehabilitation program. Plant status: Preoperational. Fuel present at site.

IX-87-83 09/17/87 Summer
South Carolina Electric and Gas Company
Fairfield Country, SC

A chemistry specialist tested positive for marijuana on a random drug test. The employee's badge was revoked and the employee resigned. Plant status: Operational. Fuel present at site.

IX-87-84 09/17-21/87 Clinton
Illinois Power Company
Dewitt County, IL

On September 17, 1987, at 8:30 a.m., a licensee investigator detected the smell of alcohol on the breath of a contract laborer. The laborer was escorted off-site, his site access was terminated, and he agreed to a blood alcohol test. On September 21, 1987, the licensee received the results of the blood alcohol test which indicated intoxication. The worker's employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-85 09/28/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

A contract radwaste cleanup person, hired and badged for Unit 1 protected area since October 16, 1984, admitted to marijuana use during an interview conducted as part of the licensee's drug use investigation. He tested positive for marijuana, and his employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-86 09/30/87 Peach Bottom
Philadelphia Electric Company
York County, PA

A contractor employee tried to enter the protected area while intoxicated. Licensee security guards administered sobriety tests, and the individual failed. His protected area access was revoked, and his employment was terminated. Plant status: Shutdown. Fuel present at site.

IX-87-87 10/01/87 Pilgrim
Boston Edison Company
Plymouth County, MA

A contract laborer employed in the radwaste building failed the annual drug test, and his site access was revoked. Plant status: Operational. Fuel present at site.

IX-87-88 10/04/87 Peach Bottom
Philadelphia Electric Company
York County, PA

A contractor employee found a small plastic bag containing a white powdery substance in the parking lot outside of the protected area. Five hours later, a small pile of white powder was found on the floor in the men's room inside the guard house. Preliminary tests of the substances were positive for cocaine. The licensee notified the Pennsylvania State Police and turned over the drug to the state laboratory for further analysis and disposal. Plant status: Shutdown. Fuel present on site.

IX-87-89 10/05/87 Palo Verde
Arizona Public Service
Maricopa County, AZ

A security officer tested positive for cocaine when he took the required annual physical examination. The officer's protected area access authorization was suspended. The officer refused to be interviewed, and his employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-90 10/05-06/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

After receipt of an allegation of drug use, a contractor employee, badged for Unit 1 protected area access but employed primarily for Unit 2 construction, had his access restricted. The employee admitted to marijuana use when interviewed by corporate security. He declined to submit to a urinalysis test, and his employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-91 10/07/87 San Onofre
Southern California Edison Company
San Diego County, CA

A licensed operator failed certification based upon the results of a physical examination and psychological profile. Due to a history of abnormal use of both prescription and nonprescription drugs, the operator's unescorted access was suspended. As of October 30, 1987, the operator was no longer employed by the licensee. Plant status: Operational. Fuel present at site.

IX-87-92 10/07/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

Based on an allegation of drug use, the licensee interviewed two contract employees badged for the protected area and tested them for drugs. One employee tested positive for cocaine and marijuana, and his employment was terminated. Plant status: Operational: Fuel present at site.

IX-87-93 10/08/87 River Bend
Gulf States Utilities West
Feliciana Parrish, LA

The licensee was informed that a contractor employee failed a drug screening test administered August 13, 1987 and confirmed positive on August 25, 1987. The employee's unescorted access to vital areas was terminated. Plant status: Operational. Fuel present at site.

IX-87-94 10/09/87 Surry
Virginia Power Company
Surry County, VA

A licensed reactor operator was observed for 30 minutes after he reported for work on the midnight shift and, because of his unusually loud behavior, was relieved of duty and escorted to the local hospital for an alcohol test. The individual was placed on indefinite suspension. The test results indicated intoxication, and he subsequently resigned prior to employment termination. Plant status: Operational. Fuel present at site.

IX-87-95 10/10-12/87 Combustion Engineering
Windsor, CT

Three licensee employees were arrested on drug charges. The arrests occurred off-site, during nonworking hours. The employees participated in a drug rehabilitation program. One employee subsequently resigned. Two are currently employed.

IX-87-96 10/12/87 Salem/Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

During a routine physical examination, an employee with unescorted access to the protected area and vital areas at the two facilities tested positive for drugs. His unescorted access was immediately revoked. Plant status: Operational. Fuel present at sites.

IX-87-97 10/16/87 Indian Point
Consolidated Edison Company
Westchester County, NY

The senior resident inspector found three marijuana cigarette butts in the primary auxiliary building (PAB) and notified the licensee. Subsequently, two non-licensed operators who had entered the PAB were administered their annual physical/drug test. One of the individuals tested positive and was relieved from duty in accordance with the licensee's fitness for duty program. Plant status: Operational. Fuel present at site.

IX-87-98 10/19/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

A contract employee tested positive for marijuana use. His protected area access was terminated, and he was escorted off-site. Plant status: Shutdown. Fuel present at site.

IX-87-99 10/20/87 Palisades
Consumer Power Company
Van Buren County, MI

Two contractor employees refused to provide samples for the periodic fitness for duty drug screening test. Their unescorted access was revoked. Plant status: Shutdown. Fuel present at site.

IX-87-100 10/20-23/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

After receipt of an allegation that two contractor quality control inspectors used cocaine off-site, the individuals were placed under observation and investigated. Both individuals admitted to

the use of a controlled substance, and one admitted supplying drugs. A third quality control employee, also identified as a user, failed the urinalysis test. All three had their employment terminated and were denied site access. The licensee reviewed their prior inspection performance for adequacy. Plant status: Operational. Fuel present at site.

IX-87-101 10/22/87 San Onofre
Southern California Edison Company
San Diego County, CA

During the period of October 22, 1987, through December 18, 1987, ten employees with unescorted access to the protected area and vital areas failed their annual drug screening tests. Access was immediately suspended. Each employee was processed in accordance with the licensee's published directive titled "Alcohol and Drug Use." Plant status: Operational. Fuel present at site.

IX-87-102 10/23/87 North Anna
Virginia Power Company
Louisa County, VA

During entry search of a contract visitor's vehicle, a suspected controlled substance was found and field-tested positive as marijuana. The individual was denied site access. Plant status: Operational. Fuel present at site.

IX-87-103 10/26/87 Zion
Commonwealth Edison Company
Lake County, IL

After a licensed reactor operator informed the shift engineer that he was chemically dependent and requested admission to the licensee's employee assistance program (EAP), he was judged unfit for duty and his unescorted site access was immediately suspended. He was admitted to the EAP, and the licensee reviewed his prior work performance. Plant status: Operational. Fuel present at site.

IX-87-104 10/28/87 Palisades
Consumers Power Company
Van Buren County, MI

Six contractor employees tested positive for drug use on their fitness for duty test. Their unescorted access was revoked. Plant status: Shutdown. Fuel present at site.

IX-87-105 10/31/87 Arkansas
Arkansas Power and Light
Pope County, AR

An auxiliary (nonlicensed) operator was arrested off-site for being in a fight at a private residence. There was no evidence of drugs; however, alcohol may have been a factor. The individual's site access was revoked. Plant status: Operational. Fuel present at site.

IX-87-106 11/03/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

Drug searching dogs discovered a residue of marijuana in the Unit I turbine building in a desk drawer of a room used by plant operations personnel. These individuals did not perform licensed duties although all had reactor operator licenses. The licensee conducted an investigation with negative results. As a follow-up action, the licensee instituted a program of using dogs for periodic, unannounced searches of operators' desks and lockers. Plant status: Operational. Fuel present at site.

IX-87-107 11/03/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

A large "bong," found in the Unit II contractors' main parking lot tested positive for marijuana residue. Plant status: Operational. Fuel present at site.

IX-87-108 11/04/87 Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

During a normal vehicle search prior to entry into the protected area, suspected narcotics were confiscated. A licensee's field test determined the narcotic to be amphetamine. The driver and passenger were escorted off-site. Plant status: Operational. Fuel present at site.

IX-87-109 11/04/87 Duane Arnold
Iowa Electric Light and Power Company
Lynn County, IA

As a result of routine drug screening, one contract watchman tested positive for benzodiazepines (Valium). The results were confirmed and the individual's access was suspended. Plant status: Operational. Fuel present at site.

IX-87-110 11/06-13/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

After receipt of an allegation of off-site drug use, five janitorial personnel were tested for drugs. Negative test results were received for four individuals, and confirmatory results for one who admitted to off-site marijuana use. As a result of the investigation, an additional person was interviewed and admitted to drug use. The identity of a third individual, who admitted he was a dealer but not a user of cocaine, was provided to the local law enforcement authorities. These three individuals had their employment terminated and were denied site access. Plant status: Operational. Fuel present at site.

IX-87-111 11/10/87 Palisades
Consumers Power Company
Van Buren County, MI

A contractor employee tested positive for drugs on the periodic fitness for duty test. His unescorted access was revoked. Plant status: Operational. Fuel present at site.

IX-87-112 11/10/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

An individual had his employment terminated after beer was identified on his person at site entry. Plant status: Shutdown. Fuel present at site.

IX-87-113 11/12/87 Salem/Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

During a routine drug screening, a contractor employee, granted unescorted access to the protected areas and vital areas of two sites, tested positive. His unescorted access authorization was immediately revoked. Plant status: Operational. Fuel present at sites.

XI-87-114 11/13-
12/16/87 Wolf Creek
Kansas Gas and Electric Company
Coffey County, KS

On November 13, 1987, an employee tested positive for drugs. On December 16, 1987, the employee's positive drug screening was validated, and his unescorted access was suspended. Plant status: Operational. Fuel present at site.

IX-87-115 11/17/87 Salem/Hope Creek
Public Service Electric and Gas Company
Salem County, NJ

During routine drug screening, a contractor employee, granted unescorted access to the protected areas and vital areas of two sites, tested positive. His unescorted access authorization was immediately revoked. Plant status: Operational. Fuel present at site.

IX-87-116 11/17/87 Nine Mile Point
Niagara Mohawk Power Corporation
Oswego County, NY

During a routine drug screening of new contract employees, one individual's urinalysis tested positive for marijuana. The contract employee was denied badging and further access to the facility. Plant status: Operational. Fuel present at site.

XI-87-117 11/18/87 Peach Bottom
Philadelphia Electric Company
York County, PA

After a 14-month investigation which began when the licensee notified the FBI of a tip the licensee received from an employee concerning a possible drug trafficking problem at the plant, the FBI arrested three licensee employees and one former licensee employee (health physics technicians, carpenter and maintenance positions) and two contractor employees (secretarial positions) on charges of conspiracy to distribute and to possess with intent to distribute methamphetamine (speed). On January 15, 1988, two defendants were found guilty and two not guilty. Two of the six defendants previously plead guilty to possession and conspiracy charge. Plant status: Shutdown. Fuel present at site.

XI-87-118 11/18/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

During a routine drug screening as part of a contract watchman's annual physical, the physician conducting the testing noticed an unusual clarity and low pH of the urine sample. A second test sample was taken and the test results (using gas mass chromatography) indicated positive for cocaine byproducts. The contract watchman's employment was terminated, and he was denied nuclear site access. Plant status: Operational. Fuel present at site.

IX-87-119 11/19/87 Shoreham
Long Island Lighting Company
Suffolk County, NY

A licensee employee, in training to become an equipment operator, was denied site access when he reported for work intoxicated. He was administered a breath analysis test which indicated positive blood alcohol levels. Plant status: Operational. Fuel present at site.

IX-87-120 11/20/87 Arkansas
Arkansas Power and Light Company
Pope County, AR

An on-site chemist participated in a random urinalysis and tested positive for marijuana. His access was withdrawn. He admitted that he had been using marijuana. Plant status: Operational. Fuel present at site.

IX-87-121 11/20/87 Shoreham
Long Island Lighting Company
Suffolk County, NY

An employee was escorted out of the protected area, given an intoxilizer test, and judged unfit for duty. Plant status: Operational. Fuel present at site.

IX-87-122 11/21/87 Peach Bottom
Philadelphia Electric Company
York County, PA

A very small plastic bag containing a minute amount of white powder was found by two security guards on the floor in the north-west stairwell of the administration area in the protected area. The stairwell is used by many people as it leads from the yard area to the only vending machine on the site. The substance tested positive as 10 mg. of cocaine. Plant status: Shutdown. Fuel present at site.

IX-87-123 11/27/87 Shoreham
Long Island Lighting Company
Suffolk County, NY

In October 1987, a warehouse clerk/stockboy, with protected area access, was suspended for fifteen days after exhibiting poor performance and absenteeism. Following this suspension, the individual was tested and the results were positive for cocaine. His employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-124 11/30/87 Oconee
Burke Power Company
Oconee County, NC

A contract janitor tested positive for drugs and was suspended. Plant status: Operational. Fuel present at site.

IX-87-125 12/02/87 Palisades
Consumers Power Company
Van Buren County, MI

During protected area entry search of a contractor employee, security confiscated a bottle containing about one ounce of alcohol. The individual was escorted out of the protected area, and his unescorted access was temporarily suspended. After further inquiry, the employee was reinstated. Plant status: Operational. Fuel present at site.

IX-87-126 12/03/87 Perry
Cleveland Electric Power Company
Lake County, OH

After receipt of an allegation of off-site marijuana use by some security officers, the licensee conducted unannounced drug screening tests for the entire security department. One security officer tested positive for illegal drugs, and his employment was terminated. Plant status: Operational. Fuel present at site.

IX-87-127 12/04/87 Dresden
 Commonwealth Edison Company
 Grundy County, IL

An employee (stationman) was charged with "possession with intent to deliver" two ounces of cocaine to an undercover metropolitan area narcotics squad agent. The licensee revoked the individual's site security badge and performed a search of the individual's personal locker on-site with negative results. On December 7, 1987, the licensee performed a drug dog search within the protected area with negative results. Plant status: Operational. Fuel present at site.

IX-87-128 12/04/87 St. Lucie
 Florida Power and Light Company
 St. Lucie County, FL

An employee tested positive for drugs, and his vital area access was denied in accordance with the fitness for duty procedure. Plant status: Operational. Fuel present at site.

IX-87-129 12/07/87 Palisades
 Consumers Power Company
 Van Buren County, MI

A licensee employee tested positive for drugs on the periodic fitness for duty test. His unescorted access was suspended. Plant status: Operational. Fuel present at site.

IX-87-130 12/08/87 Harris
 Carolina Power and Light Company
 Wake County, NC

A licensee employee discovered what appeared to be drugs in a satchel he had brought home from the plant. It was turned over to plant security the next morning where the substance was found to be heroin. The licensee conducted an investigation with negative results. Plant status: Operational. Fuel present at site.

IX-87-131 12/08/87 Braidwood
 Commonwealth Edison Company
 Will County, IL

Based upon an anonymous allegation, drug testing of selected contractors was initiated. One contractor employee who may have done safety related work, tested positive for marijuana (THC), and his site access was terminated. An evaluation was conducted of the potential safety implications of the work he may have done to determine any impact on license issuance. Plant status: Operational. Fuel present at site.

IX-87-132 12/09-10/87 Palisades
Consumers Power Company
Van Buren, MI

On December 9, 1987, alcohol was detected on the breath of an on-duty contractor by licensee employees. The individual was escorted from the protected area. The individual failed the "for cause alcohol test". His unescorted access was revoked on December 10, 1987. Plant status: Operational. Fuel present at site.

IX-87-133 12/08-17/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

Three contract laborers involved in a car accident were tested for drugs because contraband was found in their car and confiscated by the police. Two of the individuals tested positive for marijuana. Their employment was terminated, and they were denied site access. The third individual tested negative. Plant status: Operational. Fuel present at site.

IX-87-134 12/10/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

Based on an anonymous allegation, a male and a female janitor were interviewed and admitted to the use of cocaine off-site. Their employment was terminated, and they were denied site access. Plant status: Operational. Fuel present at site.

IX-87-135 12/10/87 Palisades
Consumers Power Company
Van Buren County, MI

Security personnel detected alcohol on the breath of an on duty contractor. The individual failed the "for cause alcohol test". His unescorted access was revoked. Plant status: Operational. Fuel present at site.

IX-87-136 12/11/87 Braidwood
Commonwealth Edison Company
Will County, IL

Based on an allegation (See IX-87-131) of drug abuse, additional testing of selected contractors was conducted. A second contractor employee tested positive for cocaine. His site access was denied, and the licensee reviewed the work he performed for possible safety implications and impact on license issuance. Plant status: Operational. Fuel present at site.

IX-87-137 12/11/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

A contract mechanical maintenance employee with unescorted access to vital areas failed the licensee's pre-employment urinalysis test, showing positive findings for cocaine. He was denied employment with the licensee, and his site access (as a contractor) was terminated. Plant status: Operational. Fuel present at site.

IX-87-138 12/14/87 Perry
Cleveland Electric Illuminating Company
Lake County, OH

A security officer's employment was terminated as a result of a positive drug screening test. His access was revoked, and he was escorted out of the protected area and off-site. The licensee changed keys and locks. Plant status: Operational. Fuel present at site.

IX-87-139 12/16/87 Palisades
Consumers Power Company
Van Buren County, MI

A licensee employee tested positive for drugs on the fitness for duty screening test. His unescorted access was suspended. Plant status: Operational. Fuel present at site.

IX-87-140 12/16/87 Peach Bottom
Philadelphia Electric Company
York County, PA

A contract worker with access to some vital areas, but primarily utilized in decontamination and housekeeping jobs, caused the total destruction by fire of an off-site house while freebasing cocaine near a stove. He was convicted of arson. The worker has been denied access to the facility.

IX-87-141 12/17/87 Perry
Cleveland Electric Illuminating Company
Lake County, OH

A security officer's employment was terminated as the result of a positive drug screening test. His access was revoked, and he was escorted out of the protected area. Plant status: Operational. Fuel present at site.

IX-87-142 12/17-21/87 Limerick
Philadelphia Electric Company
Montgomery County, PA

A corporate security investigation yielded an allegation that two contract pipefitters, with protected area access, distributed cocaine on-site and used cocaine in a bathroom on the roof of the

employment was terminated, and he was denied site access. One denied drug use and tested negative. One had been released on December 21, 1987, as a result of a work layoff. Plant status: Operational. Fuel present at site.

IX-87-147 12/23/87 Palisades
 Consumers Power Company
 Van Buren County, MI

Three contractor employees tested positive for drugs on the periodic fitness for duty test. Their unescorted access was revoked. Plant status: Operational. Fuel present at site.

IX-87-148 12/29/87 Browns Ferry
 Tennessee Valley Authority
 Limestone County, TN

An employee tested positive for drugs. His unescorted access was revoked. Plant status: Shutdown. Fuel present at site.

IX-87-149 12/30/87 Limerick
 Philadelphia Electric Company
 Montgomery County, PA

Based upon an allegation of drug use, a janitor was interviewed and admitted off-site drug use. He refused to be tested. His employment was terminated, and he was denied site access. Plant status: Operational. Fuel present at site.

IX-87-150 12/31/87 Sequoyah
 Tennessee Valley Authority
 Hamilton County, TN

A plant assistant operator tested positive for controlled substance during a random drug screening test. His site access was denied, and his badge was revoked. Plant status: Shutdown. Fuel present at site.

probably were thrown from the area of two exit doors in the manufacturing building.

X-75-01 10/15/75 Calvert Cliffs
Baltimore Gas & Electric Company
Calvert County, MD

At 5 p.m., a security guard found that a gate on the 27-foot level of the auxiliary building had been opened through the removal of a hinge pin. There was no indication of entry into the alarmed vital areas. Fuel present at site.

X-75-02 10/22/75 Pilgrim
Boston Edison Company
Plymouth County, MA

At 6:00 p.m., the individual involved in an apparent bomb threat appeared at Pilgrim's public area. He left when a police cruiser appeared. Fuel present at site.

X-75-03 12/02/75 Palisades
Consumers Power Company
Van Buren County, MI

Hoax. State Police advised Consumers Power Company of threat made by a resident of South Haven, Michigan. Fuel present at site.

X-76-01 03/04/76 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

Hoax. General threat. Fuel not present at site.

X-76-02 03/05/76 Diablo Canyon
Pacific Gas & Electric Company
San Luis Obispo County, CA

A map was found with Diablo Canyon site circled. Other circled areas indicated areas to be bombed. No bombs were found, and no explosions occurred. Fuel present at site.

X-76-03 05/05/76 Grand Gulf
Mississippi Power & Light Company
Clairborne County, MS

Hoax. An individual telephoned from on-site to a radio station to pass on a story of threats. Fuel not present at site (See also IB-76-18 and IB-76-19.)

X-76-04 05/12/76 Zion
Commonwealth Edison Company
Lake County, IL

Hoax. A rumored threat to take over the plant was relayed to the licensee. This rumor was never substantiated. Fuel present at site.

X-76-05 06/02/76 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Hoax. An alleged radical group made an unspecified threat. Fuel present at site.

X-76-06 06/16/76 Union Carbide Corporation Research Center
Sterling Forest
Tuxedo, NY

A male parked near the visitor parking area was apparently taking photographs with a large lens. He drove off when he realized that he was being observed.

X-76-07 07/26/76 Farley
Alabama Power Company
Houston County, AL

Hoax. At 2:55 p.m., a male telephoned the Daniel Construction Company Manager at Farley. He said that he represented a national terrorist group and that there would be trouble at Farley that day. Radio Station WOOF personnel received a similar call at the same time from a male who said he belonged to the International Terrorist Group for the Destruction of All Nuclear Plants. He stated that the Farley Nuclear Plant would be destroyed. Labor problems had occurred at Farley over the past month. Certain groups were on strike. Fuel present at site.

X-76-08 08/27/76 Shoreham
Long Island Lighting Company
Suffolk County, NY

A gas station attendant discovered a crude bomb attached to an auto he was servicing. The auto was owned by a steam fitter who was employed by a subcontractor at the Shoreham site. The incident appeared to be related to a labor dispute. Fuel not present at site.

X-76-09 09/23/76 North Anna
Virginia Electric Power Company
Louisa County, VA

At 10 a.m., three employees involved in pipefitting activities were discharged. Two had not adequately supervised their areas of responsibility. The third was discharged for improper operation

X-78-04 04/26/78 Wheeling, IL

While serving an eviction notice at an apartment, police found three lead containers labeled: "Cesium-137, December 14, 1972, 3M Company." A police officer opened one of the containers and found it empty. The rest were also empty.

X-78-05 05/13/78 Richfield, UT

A homemade cylinder with a radioactive warning on the outer casing was found south of Richfield in a wilderness area. With the cylinder were small amounts of dynamite and long underwear with primer cord sewn throughout. After examinations, it was determined that the cylinder was a bomb, with hundreds of ball bearings and smokeless powder, along with a bullet that would act as a detonator. There was no nuclear material.

X-78-06 11/20/78 Duane Arnold
Iowa Electric Light & Power Company
Linn County, IA

Hoax threat. The Chairman of the Board, Iowa Electric Light & Power Company, received a letter from an organization that threatened terrorism, kidnapping, or sabotage if the power station were not permanently shutdown. Appropriate law enforcement authorities investigated the matter. Fuel present at site.

X-79-01 01/02/79 Harris
Carolina Power & Light Company
Wake County, NC

At 8 a.m., the licensee discovered that 225 lbs. of dynamite and 335 electric blasting caps belonging to a site contractor had been stolen from the plant construction site. They had been taken from a locked magazine, whose door hinges had been pried off sometime after 6 p.m. the previous evening. The magazine was outside the fenced perimeter on utility company property, in an area not routinely patrolled by the site security force. Fuel not present at site.

X-79-02 02/10/79 Duane Arnold
Iowa Electric Light & Power Company
Linn County, IA

Hoax threat. A company official at the site received a threatening letter. Appropriate law enforcement authorities investigated the matter. Fuel present at site. (See next entry.)

X-79-03 04/23/79 Duane Arnold
Iowa Electric Power & Light Company
Linn County, IA

A local radio/TV station in Cedar Rapids, IA, received a letter from a group taking credit for two alleged acts of industrial sabotage at Duane Arnold. The group also claimed to have 100 grams of plutonium which they threatened to use to contaminate corporate headquarters and the president's residence unless the plant was closed down by May 4, 1979. The group claimed the plutonium was taken from the Rocky Flats Plant. The manager of the DOE Rocky Flats Area Office said that there was no evidence to substantiate the group's claim and that the claim was probably a hoax. The president of the utility also received a letter similar to the one the radio/TV station received. The May 4, 1979, deadline passed without incident. Fuel present at site.

X-79-04 04/30/79 University of Iowa
Iowa City, IA

A jogger discovered a glass chemical desiccator alongside a road in Johnson County, IA, and contacted the University of Iowa. The desiccator contained 14 glass vials and a small brown container. The outside of the desiccator was marked with tape with the symbol and word "radioactive." The vials were marked with the words "Creatine Picrate." (Picrate salts are unstable and potentially explosive.) External gamma measurements and contamination surveys showed no radioactivity.

X-79-05 07/24/79 Schlumberger Technology Corporation
Houston, TX

Five sealed sources used for oil well logging were lost in the Gulf of Mexico, six miles from Grand Island, Louisiana. The sources, two with 1.5 curies of cesium-137, one with 16 curies of americium/beryllium, and two with 0.5 curies of americium/beryllium, were in shielded containers in a tool box on a pallet on a boat. The boat was going from an offshore platform to shore when the pallet was lost overboard during a storm. (See also Category IV, Item IV-79-05.)

X-79-06 07/29/79 Carter's Ink Corporation Building
Cambridge, MA

A private citizen discovered and removed three containers with "Caution, Radioactive Material" labels from the former Carter's Ink Corporation (a non-licensed) building. The containers (one with a broken seal) contained 1 microcurie of nickel-63 (not subject to NRC licensing).

X-79-07 07/31/79 Three Mile Island
Metropolitan Edison Company
Dauphin County, PA

At 7:50 p.m., during a routine security patrol, a vital area door was discovered unsecured. The door, which provided access to the Unit 2 control building basement and the equipment hatch area, opened when pulled due to a mechanical failure of the locking mechanism. There was no indication of tampering. A search was initiated at 7:54 p.m., with all access control points to Units 1 and 2 secured along with the north and south bridge access locations. The search was completed with negative results. All access control points were returned to normal operation. The door was secured, and the locking mechanism repaired. Fuel present at site.

X-79-08 08/5/79 Indian Point
Power Authority of the State of New York
Westchester County, NY

At 2 a.m., and again at 5:45 a.m., the plant security organization observed a swimmer in scuba gear emerge from the water at the beachfront adjacent to Indian Point Unit 3. No attempt was made to enter the site. A boat from which the swimmer came remained offshore (adjacent to the discharge canal) during most of the night. In both occurrences, the swimmer returned to the boat after sighting the security force. Fuel present at site.

X-79-09 08/10/79 Power Operation Support Facility
Tennessee Valley Authority
Nashville, TN

Hoax. At 3 a.m., the Associated Press in Nashville, Tennessee, received an anonymous telephone call stating that 300 grams of radioactive material would be released inside a Tennessee Valley Authority (TVA) power operation support facility in Nashville. The Associated Press notified the Nashville Police and the TVA security organization. At the facility, police discovered a small brick, in aluminum foil, which had been thrown through the front door. A threatening note was attached to the package. TVA health-physics specialists examined the package and found it non-radioactive.

X-79-10 8/30/79 Poquoson, VA

At 3:40 p.m., a container marked "strontium-90" was found on a lawn in a residential area. Local police secured the item and contacted Langley Air Force Base personnel for assistance. Langley personnel surveyed the container and found no radioactive contamination.

the night of January 26, 1982, or the early morning hours of January 27, 1982. Several individuals subsequently claimed responsibility for the threatening act. They claimed they staged the incident to demonstrate the vulnerability of nuclear plants to terrorist attack. Fuel present on site.

X-82-02 05/05/82 Zion
Commonwealth Edison Company
Lake County, IL

U.S. Army military police apprehended a contractor employee for being absent without leave from military service. The individual's job assignment allowed him to have routine access to site vital areas. Fuel present at site.

X-82-03 11/23/82 Indian Point 2
Consolidated Edison Company
Westchester County, NY

Threat. Hoax. At 8:36 a.m., the Consolidated Edison Corporate Security Office received a call from a male who said, "At 6:00 tonight, we are going to show you what Indian Point is all about and there is nothing security and that ... McGovern can do about it." When the receptionist asked who was calling, the caller replied, "You will find out at six tonight." A security alert was declared. Fuel present at site.

X-83-01 08/15/83 Nuclear Pharmacy, Incorporated
Milwaukee, WI

At 5:30 a.m., one of the licensee's delivery vehicles was stopped in a hospital parking lot in West Bend, Wisconsin, by an individual impersonating a Region III staff member. The impersonator showed some identification and was driving an "official" car. He told the driver he wanted to inspect the shipment of radio-pharmaceuticals. He did so and indicated there were no problems. The FBI was notified when it was determined that no Region III personnel had performed such an inspection. (Also included in Category IV as Item IV-83-06.)

X-83-02 12/13/83 Fermi
Detroit Edison Company
Monroe County, MI

Hoax. At 1:38 a.m., a security officer found a handwritten message on a bathroom wall saying that one of these days the plant would blow up. The Michigan State Police were contacted and searched the facility with negative results. Fuel present at site.

X-84-01 12/04/84 St. Lucie
Florida Power and Light Company
St. Lucie County, FL

At 5 a.m., more than 20 Haitian refugees landed on the beach owned by the licensee. Officials of St. Lucie County were notified and responded to identify and assist the Haitians. The licensee increased security, but no further incidents occurred. The State of Florida was also notified. Fuel present at site.

X-85-01 01/08/85 Clinton
Illinois Power Company
DeWitt County, IL

At 6 p.m., an anonymous telephone call was received at the Zack Company field office on-site, threatening the life of a female quality control inspector who had been working at the Clinton construction site. The male caller stated he was going to kill the inspector, who recently had been threatened and attacked near her home. The inspector was not at the plant when the call was received. The FBI were notified. Fuel present at site.

X-85-02 02/04/85 Monticello
Northern States Power Company
Wright County, MN

At 10:57 a.m., an unidentified male telephoned the licensee's corporate headquarters and said that a group of anti-nuclear protesters was going to use a small airplane to stop a train carrying spent fuel from Monticello to the General Electric spent fuel storage facility at Morris, Illinois. The caller said the group would not let the train go through Wisconsin. The licensee had announced in October 1984 that it planned to ship 1,058 assemblies to the GE plant by rail over a five-year period.

X-85-03 04/18/85 Shoreham
Long Island Lighting Company
Suffolk County, NY

While conducting a routine audit of one of the utility's contractors, anomalies were noted on the certifications of background investigations. The contractor, who provided temporary clerical personnel, had not been requesting background investigations because he thought the licensee was undertaking them. However, the contractor's home office had been issuing the certifications, based on acceptable psychological testing results, for the last year. About 36 clerical personnel with protected area access were involved, two of whom had access to the control room, a vital area. The licensee immediately rescinded their unescorted access authorization. There was no indication of wrongdoing. The licensee investigated other contractors who also might have had the same misunderstanding. Fuel present at site.

X-85-04 08/16/85 Duane Arnold
Iowa Electric Light and Power Company
Linn County, IA

At 4 p.m., a contractor health physics technical employee at the site called the licensee's corporate office to file a complaint. During the conversation, the employee threatened to sabotage the plant. The licensee terminated the individual's employment at the site. Fuel present at site.

X-85-05 10/04/85 Davis-Besse
Toledo Edison Company
Ottawa County, OH

During a routine search, a contractor employee was found with a 9-inch long hunting knife in his booth. He was a new employee working at the site. Access was denied. Licensee management determined that the individual and knife did not represent a threat to the facility. Fuel present at site.

X-86-01 01/11/86 South Texas
Houston Lighting and Power Company
Matagorda County, TX

Between 7 a.m. and 9 a.m., the windows of approximately 350 cars were damaged in the South Texas project parking lot. The damage was believed to be related to labor unrest. South Texas project had recently reduced the workforce and cut back work hours. A check in the plant revealed no damage to the facility. Plant status: Preoperational. Fuel not present at site. (See Item X-86-02.)

X-86-02 01/14/86 South Texas
Houston Lighting and Power Company
Matagorda County, TX

Approximately 340 cars were damaged during the evening shift. The licensee increased security coverage. Plant status: Preoperational. Fuel not present at site. (See item X-86-01.)

X-86-03 03/12-13/86 Callaway
Union Electric Company
Callaway County, MO

At 11 p.m., an unidentified male made an announcement over the internal plant public address system: "Evacuate the containment, evacuate the containment." The operations shift supervisor determined there was no need to evacuate as the plant had been in cold shutdown since February 28, for a refueling outage. At 1:22 a.m. the next day, a call was received in the control room and an unidentified male stated, "I just want to let you know I intend to sabotage this plant." The caller was transferred to the shift supervisor who was told, "The earlier announcement to evacuate containment was only a first. By the time I finish throwing

switches in this plant, there will never be another nuclear plant built in the state of Missouri." The licensee immediately implemented increased security measures. No perpetrator was found. Plant status: Operational. Fuel present at site.

X-86-04 03/31/86 GA Incorporated
San Diego, CA

A licensee-employed security officer, with an NRC "L" clearance, was arrested and charged with five counts of sodomy and child molestation. He was held for thirty days for arraignment or until posting of a \$25,000 bail bond. The licensee subsequently terminated the security officer's employment. Fuel present at site.

X-86-05 03/31/86 Dresden
Commonwealth Edison Company
Grundy County, IL

At 7:20 p.m., a grass fire was reported along the banks of the spray canal, outside the protected area. Since there were no fire hydrants in the immediate vicinity, the Coal City Fire Department was called and extinguished the fire at 7:53 p.m. Plant status: Operational. Fuel present at site.

X-86-06 06/25/86 Indian Point
Consolidated Edison Company
Westchester County, NY

At 7 p.m., an operator's keys, including high radiation area keys to the primary auxiliary building, were discovered missing. Security was notified of the missing keys at 9:15 p.m., established compensatory measures, and searched the primary auxiliary building. Operations personnel searched for the keys until 7 a.m., and did not find them. Locks were changed and new keys were issued. Plant status: Operational. Fuel present at site.

X-87-01 01/17/87 Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Threat. Hoax. At 9:57 p.m., the Seabrook Station security force received a call from the Seabrook Police Department regarding a perceived threat received by a telephone operator in Maine. An anonymous female caller stated, "Seabrook Station, hurry, we are all going to blitz on Sunday." Through New England Telephone channels, this information was relayed to the Seabrook police. Upon notification, the station staff assumed a more vigilant security posture, but implemented no contingency action, since the threat was evaluated to be non-credible. Plant status: Preoperational. Fuel present at site.

X-87-02

01/19- Vermont Yankee
05/18/87 Vermont Yankee Nuclear Power Company
Windham County, VT

On January 19, 1987, the Governor of Vermont received a signed letter from an individual, not a licensee employee, that expressed the author's fear that three disgruntled employees would probably attempt to sabotage the plant's generator to cause a plant shutdown. On May 18, 1987, another individual sent a letter in support of the allegation to Region I. The FBI conducted an investigation and determined the allegation was a hoax. Plant status: Operational. Fuel present at site.

X-87-03

01/30/87 Zion
Commonwealth Edison Company
Lake County, IL

Threat. Hoax. At 12:15 p.m., the Headquarters duty officer received a telegram addressed to Harold Denton, Director of the NRC's Office of Nuclear Reactor Regulation. The telegram was from an individual who said he was joining petitioners who had sought information about Zion, and that if Mr. Denton did not make the information available by 6 p.m., "this evening...the Zion Nuclear Plant shall be closed. This is a final warning..." The licensee increased security awareness on-site. The Chicago office of the FBI investigated the incident. At 6 p.m., the FBI located the individual and interviewed him. He voluntarily agreed to seek psychiatric treatment at a local hospital. Plant status: Operational. Fuel present at site.

X-87-04

02/12/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

A security officer found a single-sheet homemade drawing marked "Safeguards Material" lying on the ground, inside the protected area. The drawing contained detailed security information: (1) location of protected area perimeter fence; (2) location of closed-circuit cameras; (3) location of perimeter microwave alarm zones (specifying individual cable numbers for each transmitter and each receiver, with reference to the alarm system as the "microwave perimeter defense"); (4) location of security alarm stations; and (5) location of plant vital areas (marked in most cases with the specific zone numbers for each vital area). Additionally, this document specified the location of personnel assembly points at the site. The licensee notified the local law enforcement agency. Investigation by the licensee determined that the drawing had been made by one of the licensee's engineers. Upon questioning, the engineer admitted making the drawing for a related work activity, but could not explain its unattended on-site location. Plant status: Shutdown. Fuel present at site.

X-87-05 02/13/87 Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Threat. Hoax. At 4:28 p.m., the licensee telephone switchboard operator received a call from a male, with a Middle Eastern accent, who indicated that there was going to be a direct attack on the site internal areas, on the security systems and on the personnel. The male indicated that he was part of a 1400-person strong group in Northern California that was monitoring both Highway 104 (nearby state highway) and the site fence. He indicated that they were determined to restrict operations. The licensee investigated with negative results. Plant status: Shutdown. Fuel present at site.

X-87-06 03/28/87 Sequoyah
Tennessee Valley Authority
Hamilton County, TN

Three of the NRC resident inspectors at Sequoyah received harrasing telephone calls that appeared to be work-related. The calls followed an earlier event of vandalism involving debris thrown on the property of one of the resident inspectors. The licensee conducted an investigation with negative results. Plant status: Operational. Fuel present at site.

X-87-07 05/28/87 Vogtle
Georgia Power Company
Burke County, GA

A security officer reported sighting an individual on the turbine building roof who appeared to be starting a fire with rolled papers and a cigarette lighter. He allegedly fled when challenged. A security alert was declared. A search for the suspect was conducted with negative results. As part of the follow-up investigation, the security officer was given a polygraph test. The results indicated deception. The officer admitted he lied to enhance his job performance. He was denied unescorted access. Plant status: Operational. Fuel present at site.

X-87-08 09/25/86- Limerick
07/15/87 (YOH Security, Inc.)
Montgomery County, PA

On September 25, 1986, two former managers of YOH Security, Inc., (the site manager and the security force captain) and the operator of a Security Force Training School were indicted on charges of conspiracy, false statements and cover-up in connection with training records for the security force at Limerick. The operator of the training school was utilized by YOH Security, Inc., to provide the necessary certification under the Pennsylvania Lethal Weapons Training Act to permit the security force members to carry

weapons. On April 1987, the two former YOH employees were convicted, and the school operator was cleared of all charges. On July 15, 1987, the site manager was sentenced to six months in prison and fined \$30,000; the security force captain, a key government witness in the trials, was placed on probation for five years.

X-87-09 07/22/87 Robinson
Carolina Power and Light Company
Darlington County, SC

At 11:28 a.m., due to improper access procedures, a security officer entered the protected area through the Technical Support Center without being searched or properly badged, leaving a protected area portal unlocked though alarmed. At 11:58 a.m., an unauthorized contract visitor entered the protected area through the unsecured protected area portal. He was detected and later identified by security personnel. Plant status: Operational. Fuel present at site.

X-87-10 08/11/87 Callaway
Union Electric Company
Callaway County, MO

The wife of a former contractor document clerk called the security department to report that her ex-husband had boxes of documents which she believed belonged to the utility at his former residence. The licensee's security department responded and retrieved several boxes of documents and material belonging to the licensee, some of which were marked "Safeguards Information." The licensee was cited for failure to exercise control. Plant status: Operational. Fuel present at site.

X-87-11 09/05/87 Pilgrim
Boston Edison Company
Plymouth County, MA

During the late evening hours, security force members on duty at the main gate observed four individuals in the woods, along the protected area fence line adjacent to the gatehouse. The individuals, darkly dressed and carrying binoculars and a camera, were apprehended and placed under arrest by the licensee for trespassing in the owner-controlled area. The Plymouth Police Department was notified and subsequently took custody of the individuals who were residents of a nearby community. The individuals claimed they wanted to test the system after reading articles in the paper concerning safeguards at the site. Inspection of the security fence and searches of the surrounding area by the licensee did not identify any damage. The licensee stated that no intrusion detection alarms were activated during the incident. Plant status: Operational. Fuel present at site.

X-87-12 10/24/87 Kewaunee
Wisconsin Public Service Company
Kewaunee County, WI

A male security officer was charged with the murder of a female security officer who was found stabbed to death in the home of another female guard. The male guard was placed in policy custody in a Green Bay Wisconsin hospital, suffering from self-inflicted wounds. His site access authorization was suspended. Plant status: Operational. Fuel present at site.

X-87-13 11/27/87 Indian Point
Consolidated Edison Company
Westchester, NY

Contaminated trash was inadvertently mixed with clean construction material trash in a 30 cubic yard dumpster and shipped off-site to a local trash burning electrical plant. The dumpster was returned to the licensee. A routine survey determined that three pieces of wood (12 inches X 12 inches X 3 feet) with localized readings as high as 19 mrem/hr were in the trash. The localized contact readings were 0.2 mrem/hr on the side of the dumpster and 0.7 mrem/hr on the bottom. Plant status: Operational. Fuel present at site.

X-87-14 12/05/87 Browns Ferry
Tennessee Valley Authority
Limestone County, TN

At 3:15 p.m., the Unit 1 control operator received an off-site telephone call from a male who stated: "If you open up that drywell, you will have a bigger fire this time than you had before." (See VI-87-01) When asked who he was, the caller said only that "I work there" and hung up. The licensee searched all three drywells with negative results. All personnel are logged in and out of the drywells. Plant status: Shutdown. Fuel present at site.

X-87-15 12/09/87 San Onofre
Southern California Edison Company
San Diego County, CA

A licensee investigation of employees either playing cards while on duty in the central alarm station or having knowledge of it resulted in the following disciplinary action: One alarm station shift supervisor and two security office field supervisors had their employment terminated; four security officers received 30-day suspensions; five security officers received 10-day suspensions; four security officers received written reprimands; and three security officers received oral reprimands. Plant status: Operational. Fuel present at site.

APPENDIX A - STATISTICS

This appendix contains a series of graphs developed from events reported during a twelve year period (1976 through 1987).

Figure 1 reflects the numerical distribution by year of the approximately 1500 events reported. After a roughly 100% increase in event reporting between 1978 and 1979 (change in reporting requirements), totals reported by year remained relatively stable until 1986 which experienced a 44% increase over 1985. This trend continued in 1987 with an increase of 73% over 1986. This increase in event reporting has occurred primarily in the drug/alcohol related events which for the first time are treated as a separate category in this report. This marked increase appears to be related to increased emphasis on such matters as reflected by the Commission's Policy on Fitness for Duty and associated industry guidelines. In addition, it is surmised that development of revised safeguards reporting requirements during this period, with guidance explicitly calling for the reporting of drug-related events, also contributed to the increase. It is noted that Figures 4 and 6 distinguish between reactor and non-reactor events.

Caution should be exercised in drawing conclusions as to trends from variations in reporting levels by activity over the 12-year time frame. For example, Figure 2 shows trends in non-bomb related safeguards events. The marked increase of 105% in 1987 over 1986 is largely attributable to the increase in drug/alcohol events as discussed above and does not represent an overall increase in safeguards events from a trend standpoint.

Figure 3 shows the distribution of the 1,507 events across the five NRC regions. The higher frequency of events in Regions I, II, and III is directly related to the higher number of licensed facilities in these three regions, as compared to Regions IV and V.

Figure 4 shows the number of safeguards events that have occurred at reactors. Of the 89% rise (127 events in 1986 compared to 240 in 1987), 93% or 105 of the increased events reported are drug- and alcohol-related.

Figure 5 shows the frequency of reactor safeguards events, excluding bomb threats. In addition to being sensitive to the increase in the number of facilities, there has been an increase of 144% from 1986 (84) to 1987 (205), and again primarily due to the increase in reported drug- and alcohol-related events. Of the 121 increase in events reported, 105 or 87% are drug- and alcohol-related events.

Figure 6 shows event activity for non-reactor facilities which has increased by 10 or 24% (41 events in 1986 compared to 51 in 1987). Most of the increase in events reported are at materials licensees, who are exempt from safeguards requirements. These events were included because of public interest in this area.

Figure 7 displays 1987 events by categories. There has been a significant change in percentage of distribution of events from 1986 in several categories: Bomb threats (26% in 1986 vs. 12% in 1987); Firearms (14% in 1986 vs. 10% in 1987); Missing and Stolen (21% in 1986 vs. 14% in 1987); Tampering and Vandalism (8% in 1986 vs. 4% in 1987) and Drugs- and Alcohol-related (25% in 1986 vs. 52% in 1987). Again the large increase in drug/alcohol matters caused a relative percentage decrease in the other categories.

Figure 8 shows the number of bomb threat incidents over the 12-year period. Bomb threats, which had been declining steadily since peaking in 1979, but which had increased in 1986 to 43, have decreased by 19% to 35 in 1987.

Figure 9 plots the number of intrusion events. With the exception of 1980, there have been relatively few intrusion events. There were no intrusion events in 1983, 1986, and 1987.

Figure 10 shows the number of events involving tampering and vandalism. This class of events remains relatively stable. Although there has been an increase in the number of regulated facilities, there has been a slight decrease in the number of events reported (13 in 1986 and 12 in 1987).

Figure 11 shows the number of firearms events that have occurred at all facilities. Many of these events involve the accidental discharge of weapons; none of which has resulted in serious consequences. There has been an increase of 17% in events reported in 1987 (28) compared to 1986 (24). The increase from 1985 on may be attributed in a large degree to diligence on the part of the licensees to successfully detect attempted introduction of firearms.

Figure 12 shows the number of reported drug- and alcohol-related events. The 257% increased activity in this class (42 in 1986 vs. 150 in 1987), as stated in Figure 1 above, is believed to be related to the Commission and industry initiatives to achieve a drug-free workforce. As previously noted, drug- and alcohol-related events are treated as a separate category in this report for the first time.

SAFEGUARDS EVENTS (1507)

1976 - 1987

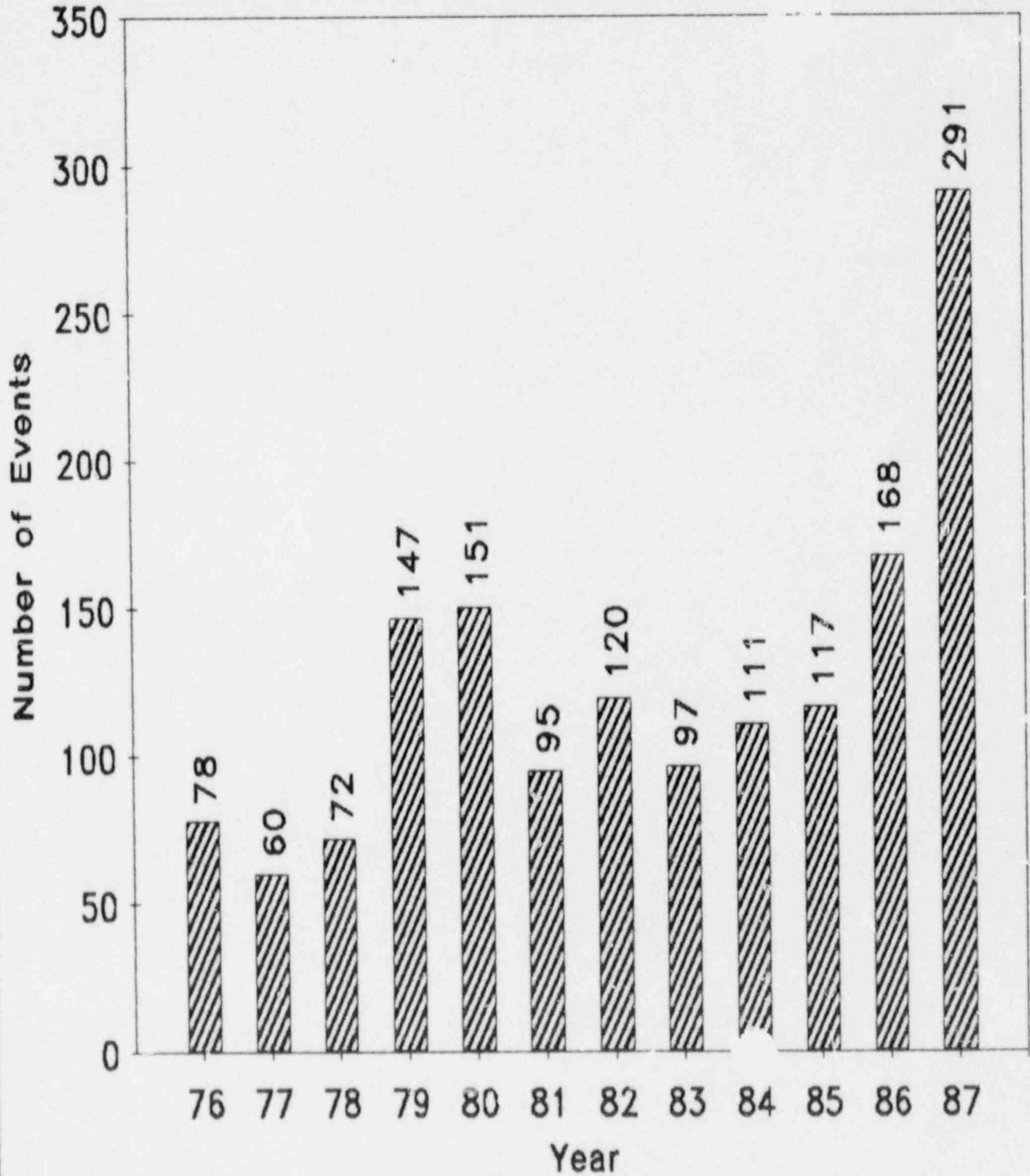


Figure 1

SG EVENTS (954) EXCLUDING BOMB HOAXES 1976 - 1987

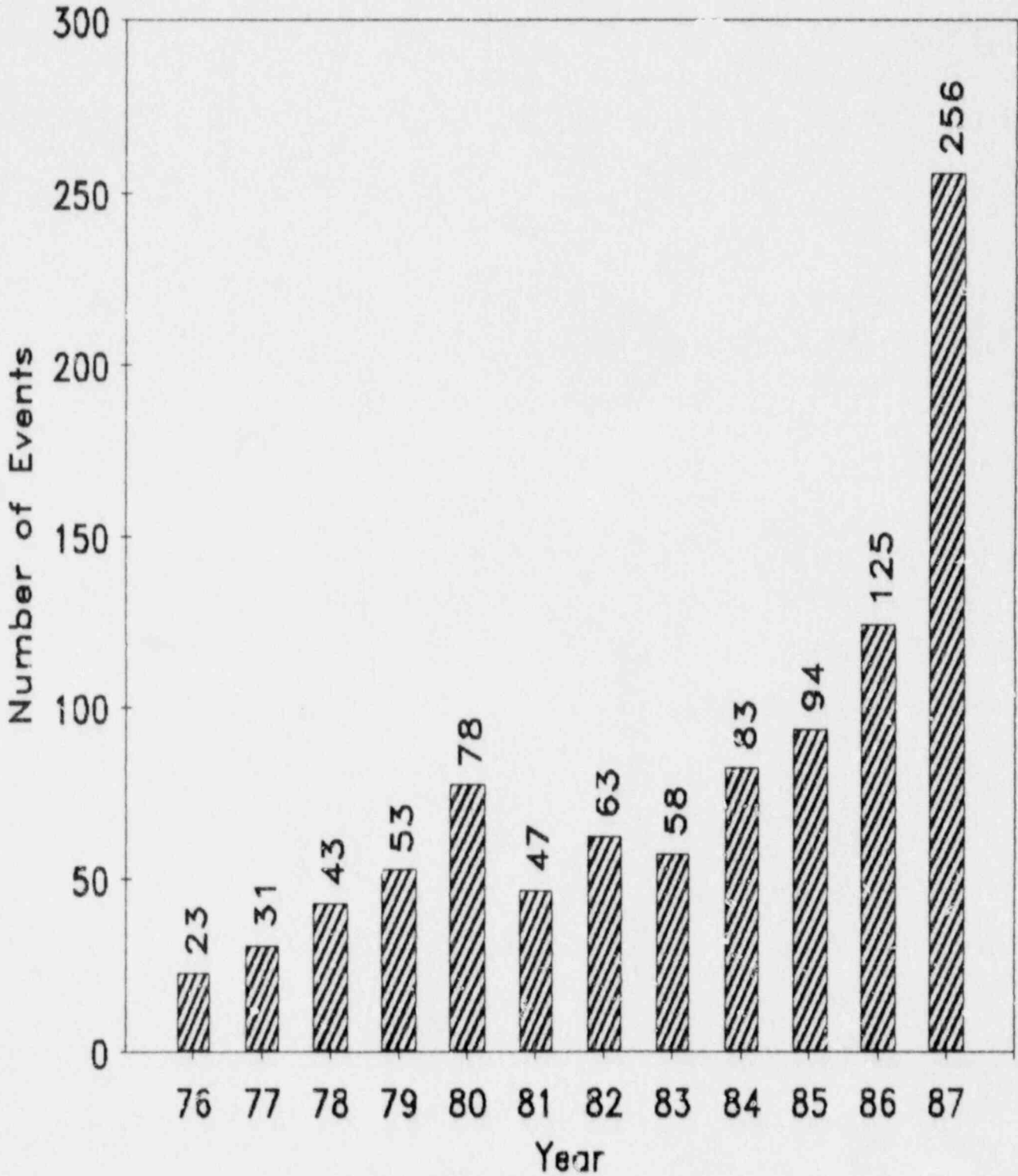


Figure 2

SAFEGUARDS EVENTS BY REGIONS

1976 - 1987

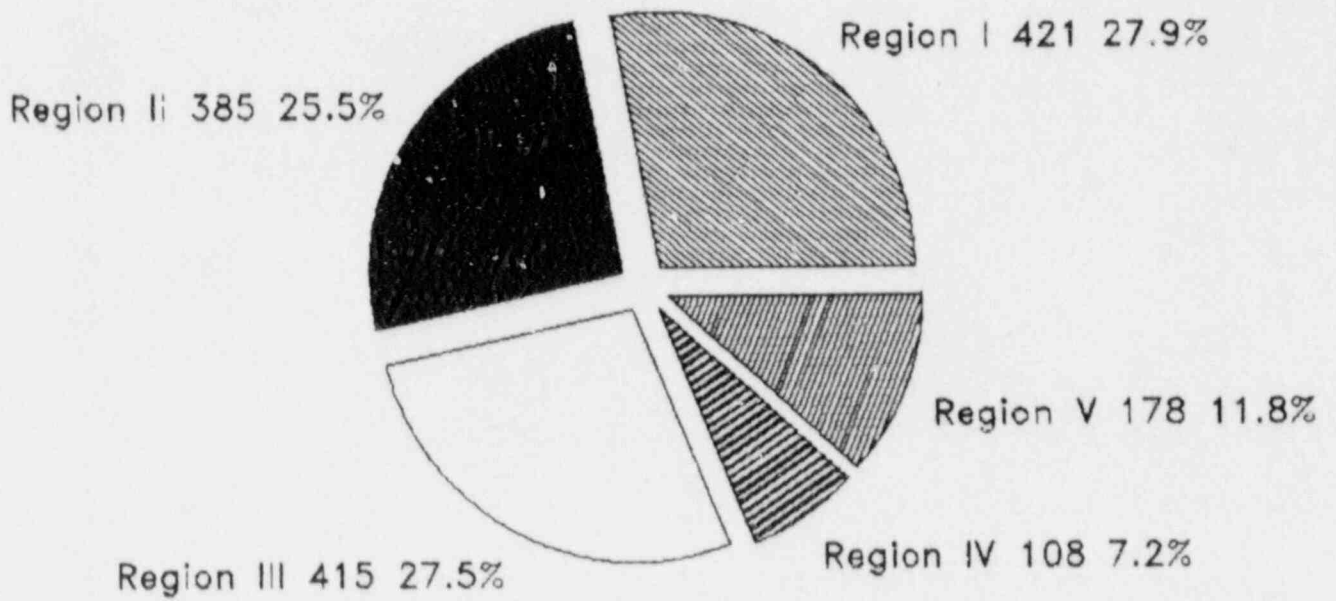
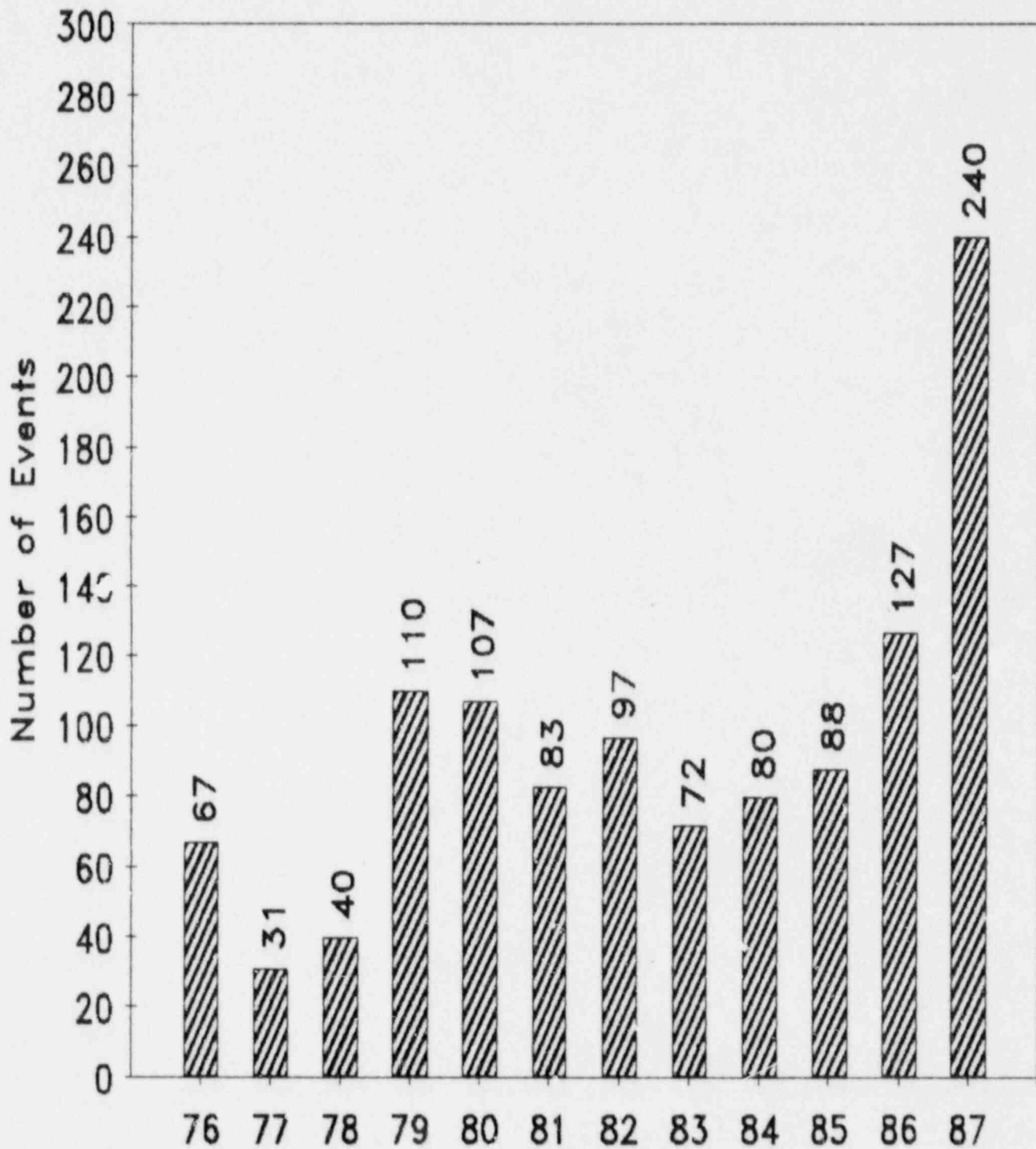


Figure 3

REACTOR SAFEGUARDS EVENTS (1142)

1976 - 1987



Year
Figure 4

REACTOR SG EVENTS (589) EXCLUDING BOMB HOAXES 1976 - 1987

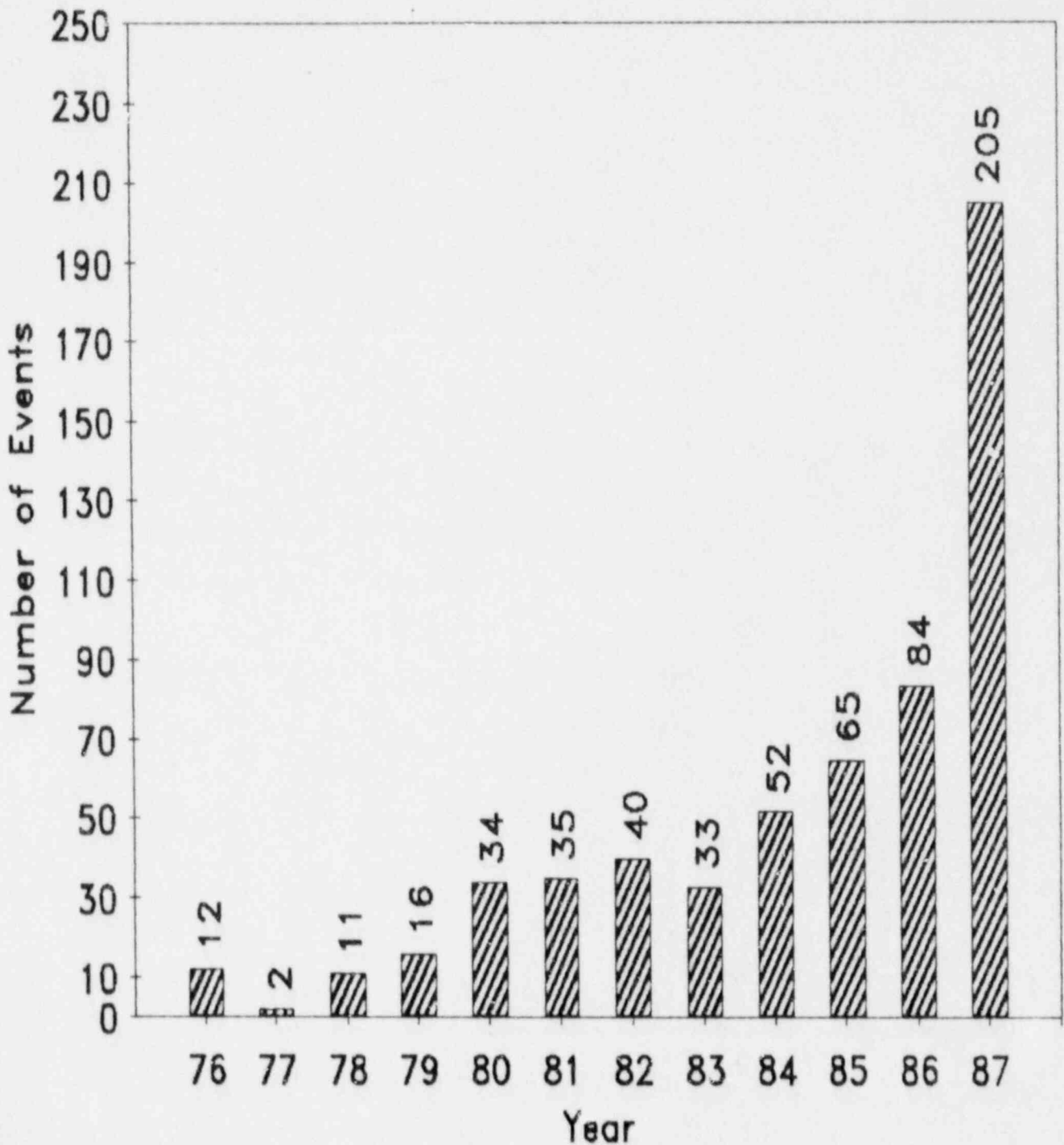
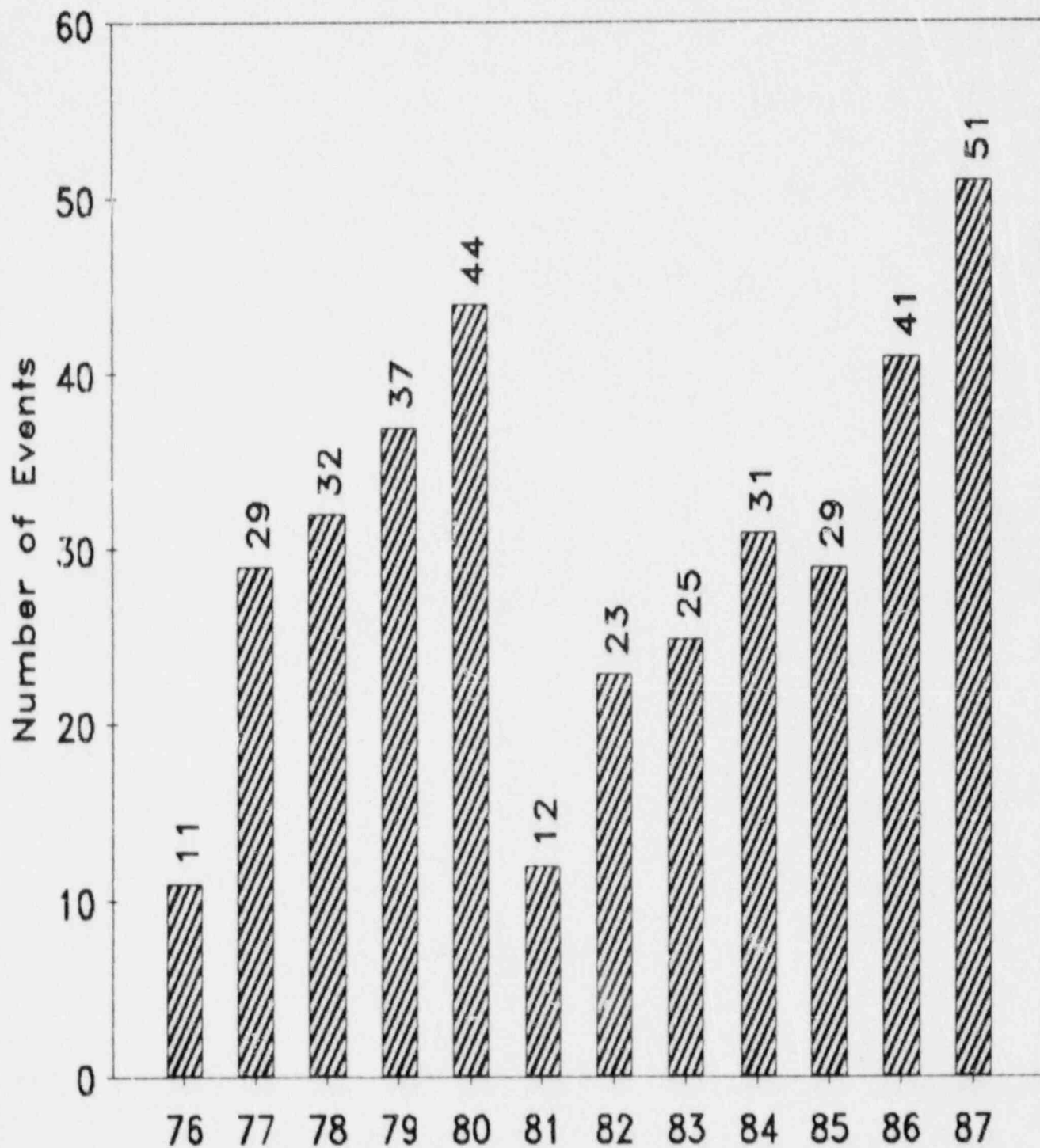


Figure 5

NON-REACTOR SAFEGUARDS EVENTS (365)

1976 - 1987



Year
Figure 6

SAFEGUARDS EVENTS (291) BY CATEGORY 1987

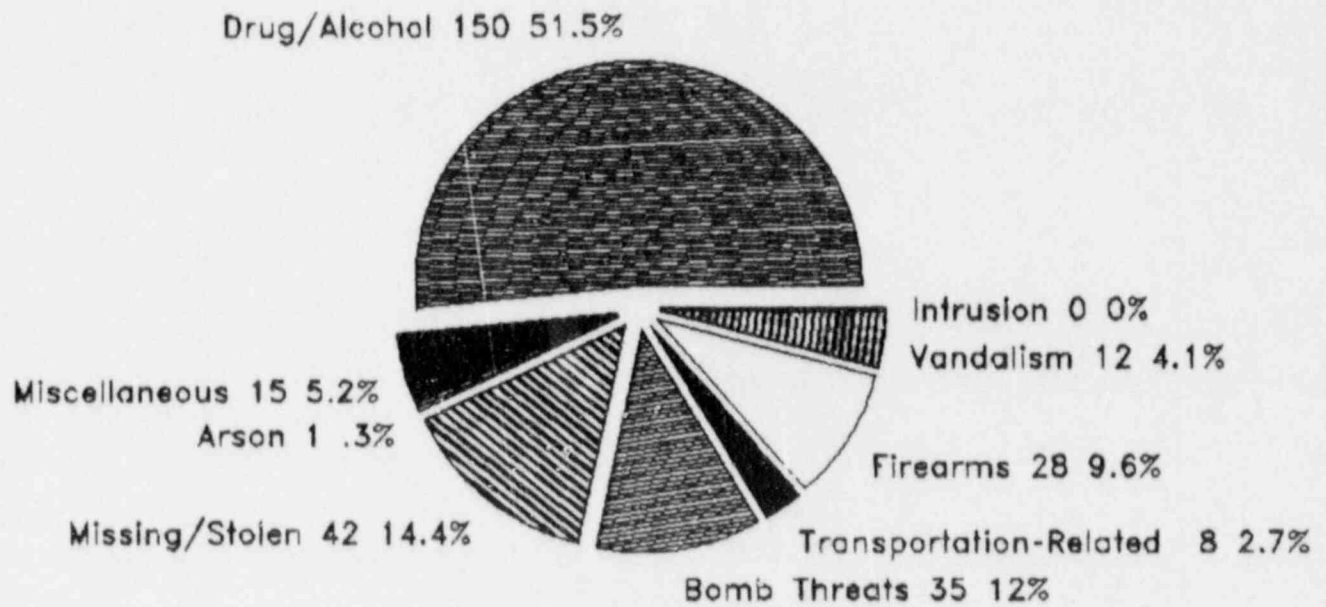
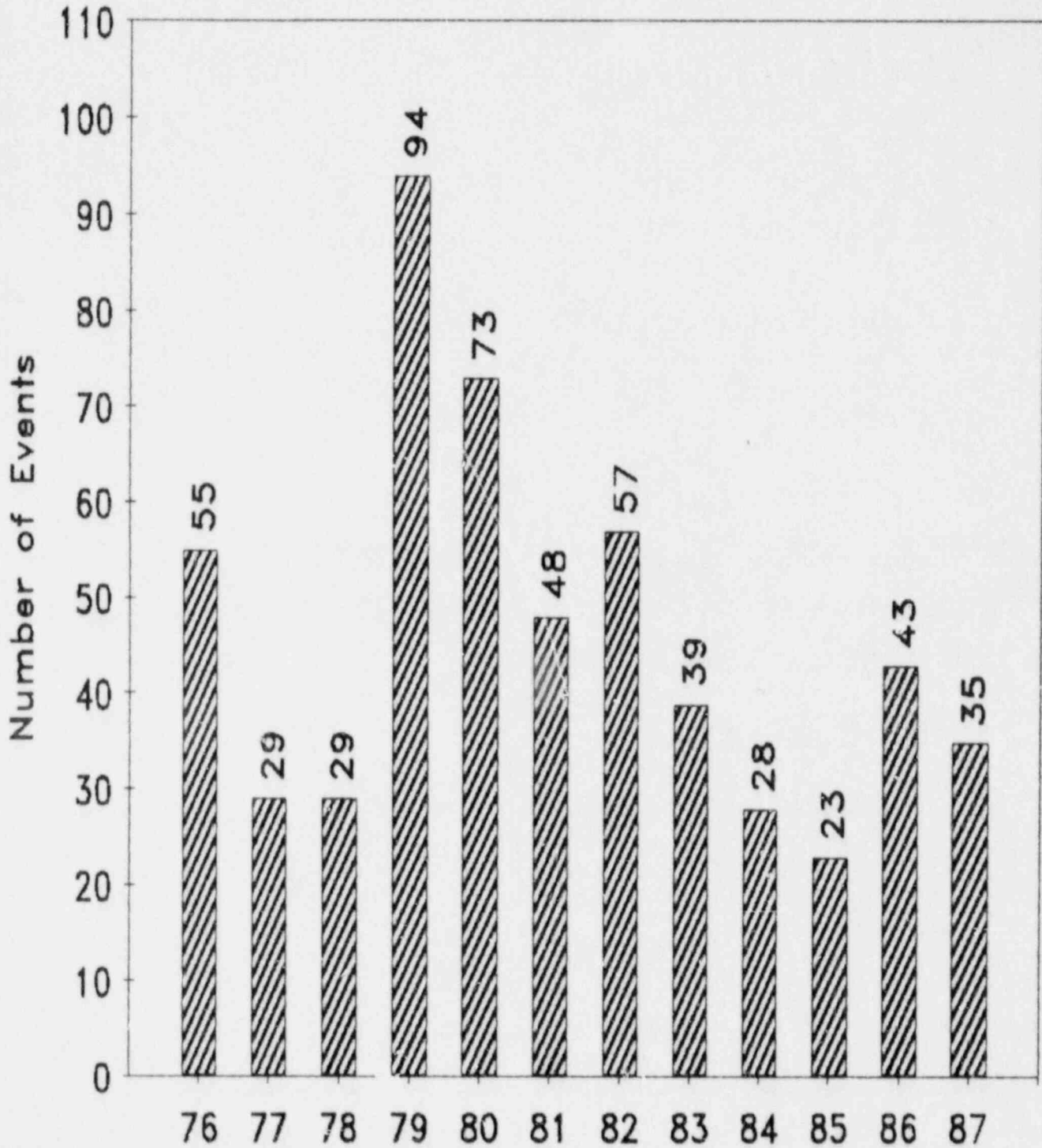


Figure 7

BOMB THREAT EVENTS (553)

1976 - 1987



Year
Figure 8

REACTOR INTRUSION EVENTS (43)

1976 - 1987

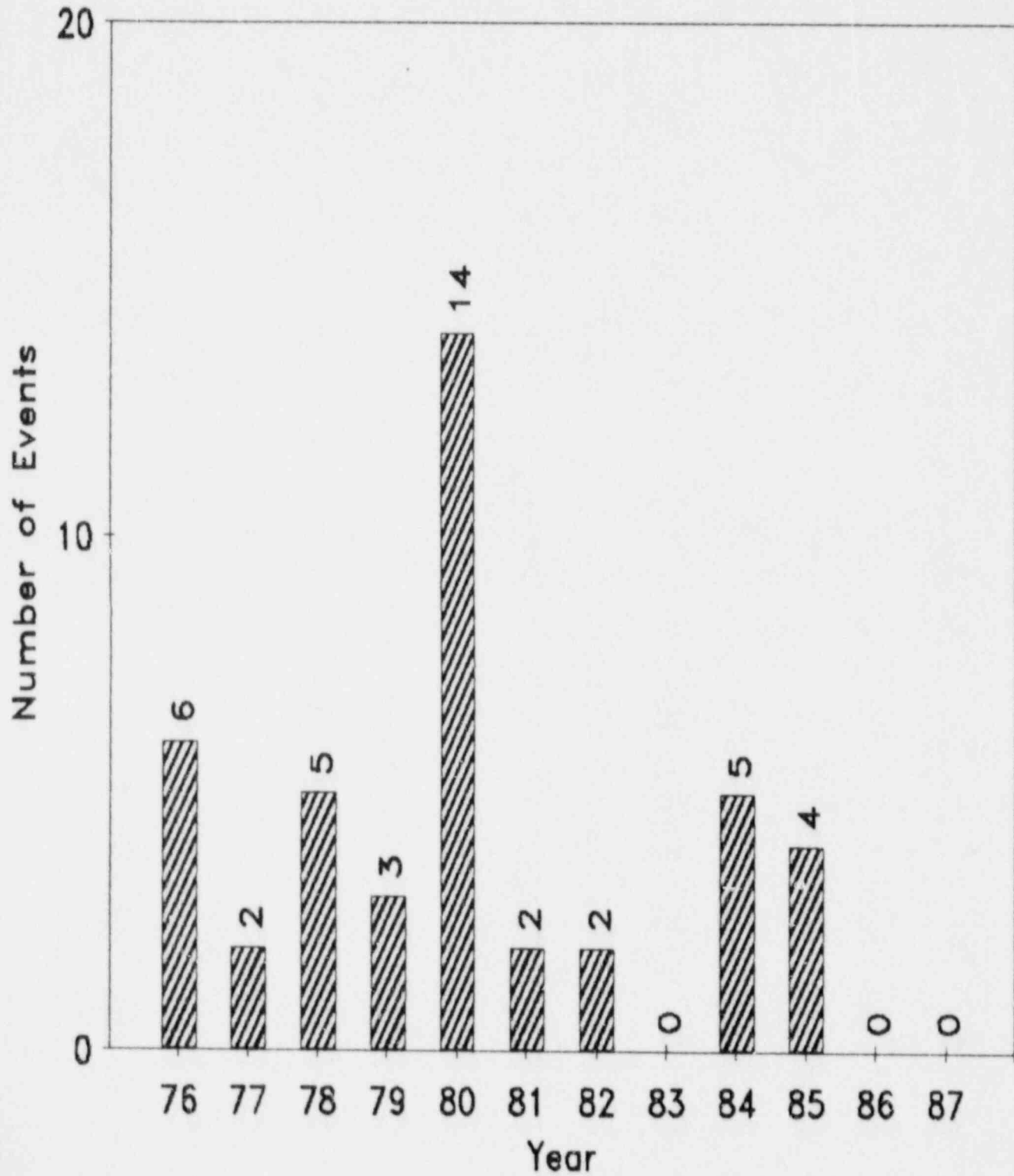


Figure 9

TAMPERING/VANDALISM EVENTS (94)

1976 - 1987

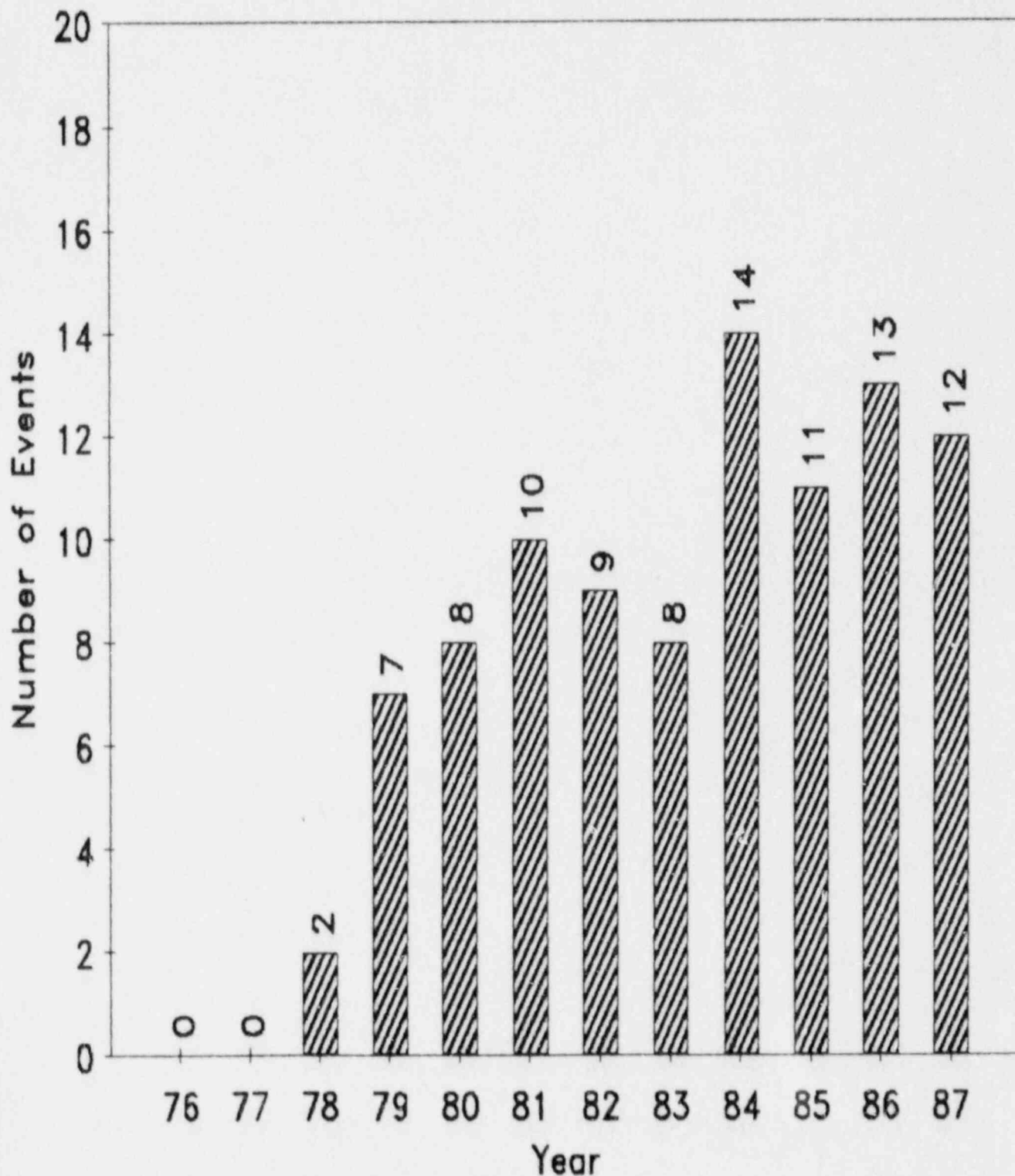


Figure 10

FIREARMS EVENTS (111)

1976 - 1987

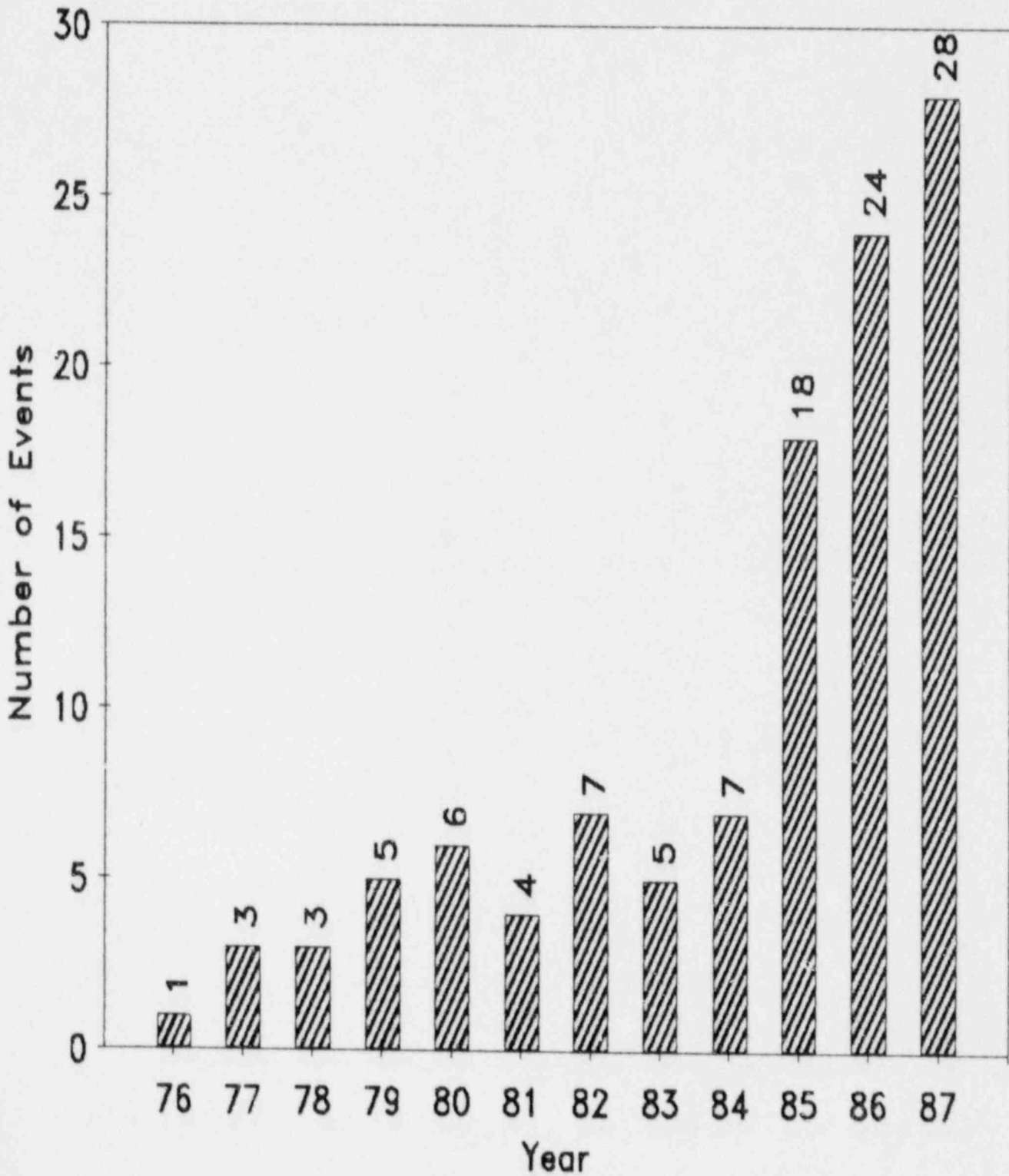


Figure 11

REACTOR DRUG/ALCOHOL EVENTS (302) 1976 - 1987

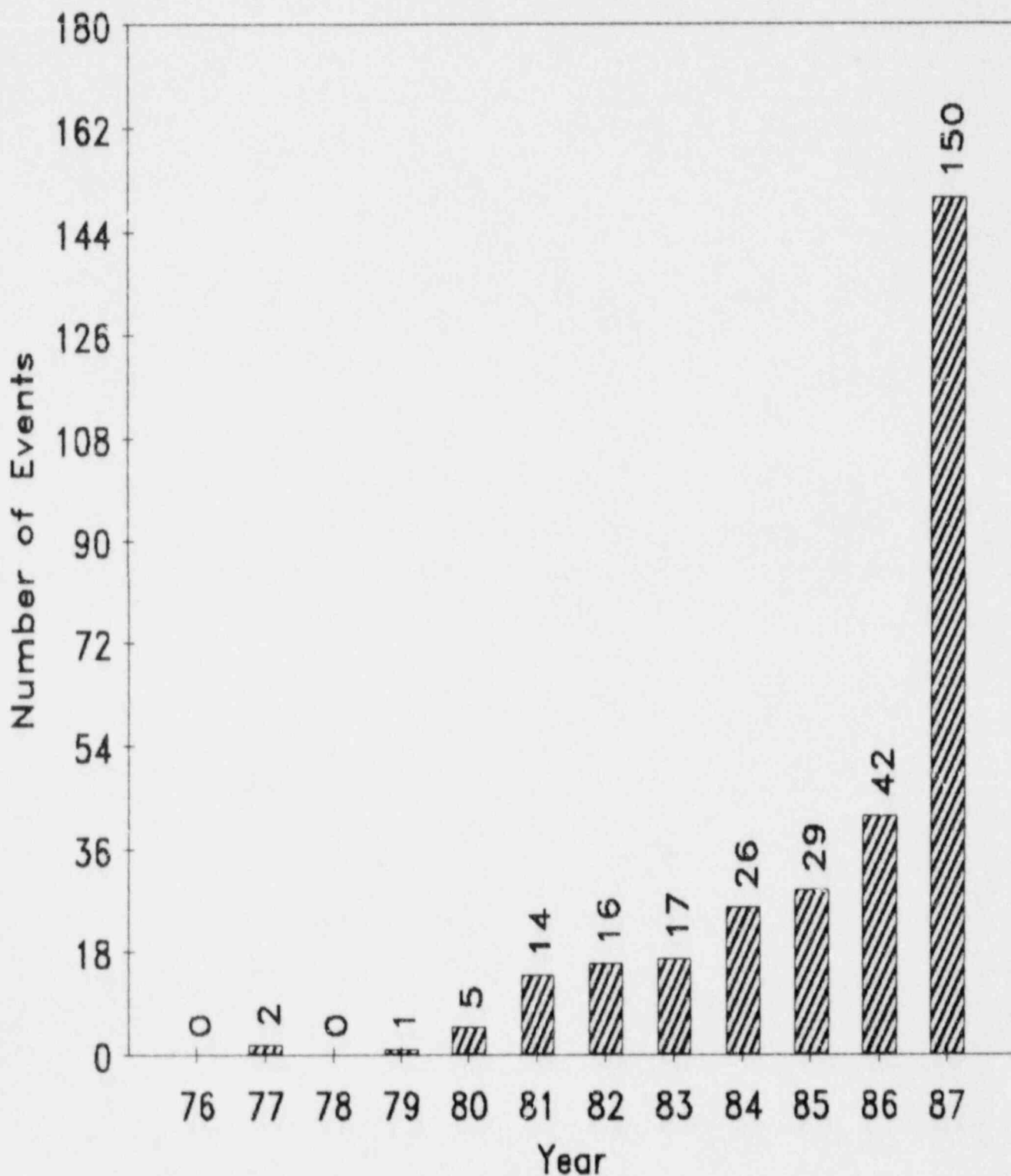


Figure 12

BIBLIOGRAPHIC DATA SHEET

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SEE INSTRUCTIONS ON THE REVERSE

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The Safeguards Summary Event List provides brief summaries of hundreds of safeguards related events involving nuclear material of facilities regulated by the U.S. Nuclear Regulatory Commission. Events are described under the categories: bomb-related, intrusion, missing/allegedly stolen, transportation-related, tampering/vandalism, arson, firearms-related, radiological sabotage, nonradiological sabotage, alcohol and drug related, and miscellaneous. Information in the event descriptions was obtained from official NRC reports.

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