

NUREG-0525
Vol. 2

Safeguards Summary Event List (SSEL)

January 1, 1990 Through December 31, 1991

U.S. Nuclear Regulatory Commission

Office of Nuclear Material Safety and Safeguards



9209170120 920731
PDR NUREG
0525 R PDR

NUREG-0525
Vol. 2

Safeguards Summary Event List (SSEL)

January 1, 1990 Through December 31, 1991

U.S. Nuclear Regulatory Commission

Office of Nuclear Material Safety and Safeguards



9209170120 920731
PDR NUREG
0525 R PDR

Safeguards Summary Event List (SSEL)

January 1, 1990 Through December 31, 1991

This document was prepared in response to inquiries concerning the nature of safeguards-related events involving NRC licensees and licensed material.

Manuscript Completed: June 1992
Date Published: July 1992

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



AVAILABILITY NOTICE

Availability of Reference Materials Cited in NRC Publications

Most documents cited in NRC publications will be available from one of the following sources:

1. The NRC Public Document Room, 2120 L Street, NW., Lower Level, Washington, DC 20555
2. The Superintendent of Documents, U.S. Government Printing Office, P.O. Box 37082, Washington, DC 20013-7082
3. The National Technical Information Service, Springfield, VA 22161

Although the listing that follows represents the majority of documents cited in NRC publications, it is not intended to be exhaustive.

Referenced documents available for inspection and copying for a fee from the NRC Public Document Room include NRC correspondence and internal NRC memoranda; NRC bulletins, circulars, information notices, inspection and investigation notices; licensee event reports; vendor reports and correspondence; Commission papers; and applicant and licensee documents and correspondence.

The following documents in the NUREG series are available for purchase from the GPO Sales Program: formal NRC staff and contractor reports, NRC-sponsored conference proceedings, international agreement reports, grant publications, and NRC booklets and brochures. Also available are regulatory guides, NRC regulations in the *Code of Federal Regulations*, and *Nuclear Regulatory Commission Issuances*.

Documents available from the National Technical Information Service include NUREG-series reports and technical reports prepared by other Federal agencies and reports prepared by the Atomic Energy Commission, forerunner agency to the Nuclear Regulatory Commission.

Documents available from public and special technical libraries include all open literature items, such as books, journal articles, and transactions. *Federal Register* notices, Federal and State legislation, and congressional reports can usually be obtained from these libraries.

Documents such as theses, dissertations, foreign reports and translations, and non-NRC conference proceedings are available for purchase from the organization sponsoring the publication cited.

Single copies of NRC draft reports are available free, to the extent of supply, upon written request to the Office of Administration, Distribution and Mail Services Section, U.S. Nuclear Regulatory Commission, Washington, DC 20555.

Copies of industry codes and standards used in a substantive manner in the NRC regulatory process are maintained at the NRC Library, 7920 Norfolk Avenue, Bethesda, Maryland, for use by the public. Codes and standards are usually copyrighted and may be purchased from the originating organization or, if they are American National Standards, from the American National Standards Institute, 1430 Broadway, New York, NY 10018.

NUREG-0525, Safeguards Summary Event List (SSEL) is comprised of two parts. Vol. 1 summarizes events that occurred and were reported from pre-NRC through December 31, 1989. Vol. 2 summarizes events that occurred January 1, 1990 through December 31, 1991. Events are reported in a new format to facilitate usage of the data. These two volumes replace all previous issues of NUREG-0525.

Events which involve only source material, byproduct material, or natural uranium which are not safeguarded under NRC regulations are not included, except for a few events included in the Miscellaneous category because of public interest. Information on events involving nonsafeguarded material is available in NUREG-1272 published annually by the Nuclear Regulatory Commission.

Events which involve alcohol and drugs, formerly reported in Category IX, have been dropped from the Safeguards Summary Event List. Information on drug and alcohol events is contained in NUREG/CR-5758, Fitness for Duty in the Nuclear Power Industry, Annual Summary of Program Performance Reports, published annually by the Nuclear Regulatory Commission.

ABSTRACT

The Safeguards Summary Event List (SSEL), Vol. 2, provides brief summaries of several hundred safeguards-related events involving nuclear material or facilities regulated by the U.S. Nuclear Regulatory Commission (NRC) which occurred and were reported from January 1, 1990 through December 31, 1991. Because of public interest, the Miscellaneous category includes a few events which involve either source material, byproduct material, or natural uranium which are exempt from safeguards requirements. Events are described under the categories of bomb-related, intrusion, missing and/or allegedly stolen, transportation, tampering/vandalism, arson, firearms, radiological sabotage, nonradiological sabotage, and miscellaneous. The information contained in the event descriptions is derived primarily from official NRC reporting channels.

TABLE OF CONTENTS

	Page
ABSTRACT	iii
INTRODUCTION	vii
I. BOMB-RELATED EVENTS	I-1
II. INTRUSION EVENTS	II-1
III. MISSING AND/OR ALLEGEDLY STOLEN EVENTS	III-1
IV. TRANSPORTATION-RELATED EVENTS	IV-1
V. TAMPERING/VANDALISM EVENTS	V-1
VI. ARSON EVENTS	VI-1
VII. FIREARMS-RELATED EVENTS	VII-1
VIIIA. RADIOLOGICAL SABOTAGE EVENTS	VIIIA-1
VIIIB. NONRADIOLOGICAL SABOTAGE EVENTS	VIIIB-1
IX. ALCOHOL AND DRUGS (See NUREG/CR-5758).....	IX-1
X. MISCELLANEOUS EVENTS	X-1
APPENDIX A - STATISTICS	A-1
INDEX - SSEL EVENTS - PRE-NRC THROUGH DECEMBER 31, 1991.....	Index - 1
(Vol. 1 and Vol. 2)	

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). The SSEL is comprised of two parts. Vol. 1 summarizes events that occurred and were reported from pre-NRC through December 31, 1989. Vol. 2 summarizes events that occurred January 1, 1990 through December 31, 1991. Because of public interest, the Miscellaneous category includes a few events which involve either byproduct material, source material, or natural uranium which are exempt from safeguards requirements. 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-referenced 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 safeguarded material was stolen, alleged to be stolen, discovered missing, or found. Category IV, Transportation-Related Events, typically includes incidents where safeguarded 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 safeguarded 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 Drug-related events, Category IX, have been dropped from this document and are now contained in NUREG/CR-5758. Finally, Miscellaneous Events, Category X, are those which hold some interest to safeguards and the public 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.

There were no reported events meeting the bomb-related events Section A criteria during 1990 or 1991.

SECTION B - BOMB THREATS

IB-90-01 Date: 02/20/90 Site: Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Plant Status: Operational. Fuel present at site.

Source: Seabrook Town Official

Event: Bomb threat. Hoax. A Seabrook town official notified the licensee of a telephonic bomb threat against the facility.

Action: Security vigilance at the facility was increased for 48 hours.

Resolution: The licensee could not substantiate the threat.

IB-90-02 Date: 05/04/90 Site: LaSalle
Commonwealth Edison Company
LaSalle County, IL

Plant Status: Unit 1, Operational; Unit 2, Shutdown. Fuel present at site.

Source: NRC Inspector

Event: Bomb threat. Hoax. Shortly after 5 a.m., the NRC resident inspector found the following threat message on his answering machine: "Yo, we got a bomb set up for 1050 apartments tonight. Thank you. Ten p.m. Thank you. Bye."

Action: The licensee was notified. Security at the facility was heightened.

Resolution: The licensee determined the threat was noncredible. IC was concluded that the individual was a young person, probably in his teens, and that the call came in on a direct outside line.

IB-90-03 Date: 05/17/90 Site: Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Plant Status: Operational. Fuel present at site.

Source: Boston Radio Station

Event: Bomb threat. Hoax. A Boston radio station notified the Boston police of a telephonic bomb threat from an individual who claimed that sticks of dynamite had been placed at various locations around the Boston area, including Route 2, near the Seabrook station.

Action: The Boston police notified the Seabrook police who called the facility.

Resolution: The licensee determined the threat was noncredible.

Resolution: The licensee determined the threat was noncredible.

IB-91-04 Date: 01/17/91 Site: Brunswick
 Carolina Power and Light Company
 Brunswick County, NC

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: Bomb threat. Hoax. At 1:26 p.m., a member of the security force received a telephonic bomb threat from an individual who stated that something would "go off" at 0600 hours. When asked what would go off, the individual replied that two "C-4s" were planted.

Action: The licensee made the appropriate notifications. Vital and protected areas were searched.

Resolution: The search results were negative. The licensee determined the threat was noncredible.

IB-91-05 Date: 01/22/91 Site: Byron
 Commonwealth Edison Company
 Ogle County, IL

Plant Status: Unit 1, Operational. Fuel present at site.

Source: Commonwealth Edison Company

Event: Bomb threat. Hoax. At approximately 11:46 a.m., the Rock River Division (Commonwealth Edison) received an anonymous telephone call which threatened a bomb explosion at Byron in 7 minutes. Earlier in the morning, Rock River received another anonymous telephone call which threatened a bomb attack against a substation in Rockford, Illinois.

Action: A search was conducted.

Resolution: The search results were negative. The licensee determined the threat was noncredible. The caller was identified as an unstable personality who had made seven or eight calls over several days to nonenergy facilities. A warrant was issued for his arrest. The individual was located by the police, interviewed, and determined to be mentally ill. The case was closed.

Action: The call was traced to a pay telephone at a K-Mart, but no suspect was identified. The Dade police notified the licensee. The FBI was notified.

Resolution: The licensee and the police determined the threat was noncredible.

IB-91-09 Date: 01/23/91 Site: Zion
Commonwealth Edison Company
Lake County, IL

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Zion Police Department

Event: Bomb threat. Hoax. The Zion Police Department received a telephone call from an individual who stated, "There's a bomb planted at the local MacDonalds." A short time later, a second caller stated, "I see you're not doing anything about the bomb at MacDonalds or the one at the Zion nuclear power plant."

Action: The licensee and the FBI were notified.

Resolution: The licensee and the police determined the threat was noncredible.

IB-91-10 Date: 01/25/91 Site: Oregon State University
TRIGA Reactor
Radiation Center
Corvallis, OR

Plant Status: Shutdown

Source: Licensee

Event: Bomb threat. Hoax. At 9 a.m., the university president's office received a generalized telephonic bomb threat which indicated that a bomb or bombs could be going off at the university at 12:43 p.m. There was no specific bomb threat against the radiation center.

Action: The reactor located at the university was shut down and secured. A complete search of both the inside and outside of the reactor and the radiation center buildings was completed immediately upon receipt of the threat from the president's office, and subsequent hourly searches outside the buildings were conducted through 2 p.m.

Resolution: The university determined the threat was noncredible.

Resolution: The search results were negative. The college and the police determined the threat was noncredible.

IB-91-14 Date: 02/06/91 Site: San Onofre
Southern California Edison Company
San Diego County, CA

Plant Status: Unit 1, Refueling Shutdown; Units 2 and 3, Operational. Fuel present at site.

Source: Licensee

Event: Bomb threat. Hoax. At 7:50 a.m., the station security manager was notified by the site facilities supervisor of a threat message received on a telephone recorder at the site facilities answering service sometime between 4 p.m. on February 5, 1991, and 7:15 a.m. on February 6, 1991, which stated: "The whole place is going to blow up today."

Action: The licensee implemented compensatory measures. The FBI was notified, and a tape of the threat was provided to them. A coordinated law enforcement agency investigation was conducted.

Resolution: The investigation concluded the threat was noncredible. It was subsequently classified by the FBI as a "nuisance" threat.

IB-91-15 Date: 02/14/91 Site: Cooper
Nebraska Public Power District
Nemaha County, NE

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Bomb threat. Hoax. At 3:28 a.m., a bomb threat was received at approximately the same time that the bomb was supposed to go off.

Action: Communication with the local law enforcement agency was established. The site was already in a heightened security status due to events in the Persian Gulf.

Resolution: The licensee determined the threat was unsubstantiated.

IB-91-16 Date: 02/21/91 Site: University of Utah
Nuclear Engineering Laboratory
Salt Lake City, UT

Source: Licensee

Event: Bomb threat. Hoax. At 7:05 a.m., a telephonic bomb threat against the Merrill engineering building was received by the university campus police dispatcher. The threat was not directed against the Triga (research reactor), which is located on the first floor of the building.

Action: The voice was recorded and matched to previous calls elsewhere on campus with negative results. A search was conducted.

Resolution: The search results were negative. The threat was unsubstantiated, and the police determined it was noncredible. Emergency status was terminated at 7:30 a.m.

IB-91-17 Date: 04/02/91 Site: Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Plant Status: Units 1 and 2, Operational; Unit 3, Refueling Shutdown. Fuel present at site.

Source: Phoenix, Arizona Police

Event: Bomb threat. Hoax. The Phoenix, Arizona, police received a telephonic threat via 911. The caller said that Palo Verde would be blown up in 3 weeks from April 1, 1991.

Action: Within 3 minutes, the Arizona police were at the telephone booth from which the call was made, and no one was there. The Arizona Public Service Company and the FBI were notified.

Resolution: The police and the licensee determined the threat was noncredible.

IB-91-18 Date: 04/07/91 Site: Brunswick
Carolina Power and Light Company
Brunswick County, NC

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Bomb threat. Hoax. At 11:36 a.m., a plant employee found a bomb threat written on a paper towel in the men's rest room, an owner-controlled area, in the administration building. The threat statement said that a bomb would go off at 0800 in the diesel generator building.

Action: A search of the diesel generator building was conducted.

Resolution: The search results were negative. The licensee determined the threat was noncredible.

IB-91-25 Date: 08/06/91 Site: Peach Bottom
Philadelphia Electric Company
York County, PA

Plant Status: Units 2 and 3, Operational. Fuel present at site.

Source: Licensee

Event: Bomb threat. Hoax. At 10 a.m., a telephonic bomb threat relating to the protected and vital area was received.

Action: A search was conducted, and appropriate notifications were made.

Resolution: The search results were negative. The licensee determined the threat was noncredible.

IB-91-26 Date: 08/20/91 Site: Prairie Island
Northern States Power Company
Goodhue County, MN

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Bomb threat. Hoax. At 12:28 p.m., a telephonic bomb threat was received. The caller was described as being disoriented and may have said "nuclear bomb."

Action: A search of the protected area was conducted.

Resolution: The search results were negative. The licensee determined the threat was noncredible and that the person calling probably had dialed a wrong number.

IB-91-27 Date: 08/23/91 Site: River Bend
Gulf States Utilities Company
West Feliciana Parish, LA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Bomb threat Hoax. At 5:16 p.m., a telephonic bomb threat relating to the protected and vital areas was received by station security.

Action: A search was conducted and appropriate notifications were made.

Resolution: The search results were negative. The licensee determined the threat was noncredible.

Resolution: The threat was determined to be noncredible.

IB-91-31 Date: 12/26/91 Site: Browns Ferry
 Tennessee Valley Authority
 Limestone County, TN

Plant Status: Units 1 and 3, Shutdown; Unit 2, Operational. Fuel present at site.

Source: Tennessee Valley Authority

Event: Bomb threat. Hoax. At 6:37 p.m., the TVA Chattanooga switchboard operator received a telephone call from a 17-20-year-old male who said, "I am sick. I've put a bomb in the reactor tube." He paused and then said, "I am not playing jokes this time." The individual spoke hurriedly, but pronounced his words well. He hung up before he could be questioned.

Action: Browns Ferry heightened security.

Resolution: The licensee determined the threat was noncredible.

IB-91-32 Date: 12/27/91 Site: Browns Ferry
 Tennessee Valley Authority
 Limestone County, TN

Plant Status: Units 1 and 3, Shutdown; Unit 2, Operational. Fuel present at site.

Source: Tennessee Valley Authority

Event: Bomb threat. Hoax. At 6:50 p.m., the TVA, Chattanooga, switchboard operator received a telephone call, determined to be from the same 17-20-year-old male who called on the previous day. He said, "I'm crazy. I'm not playing games this time. I've put a bomb in the reactor tube." Again, he immediately hung up before he could be questioned.

Action: Browns Ferry heightened security.

Resolution: The licensee determined the threat was noncredible.

INTRUSION

There were no reported events meeting the intrusion events criteria during 1990 or 1991.

MISSING AND/OR ALLEGEDLY STOLEN

There were no reports of events meeting the missing and/or
stolen events criteria during 1990 or 1991.

V-90-01 Date: 04/25/90 Site: Hatch
 Georgia Power Company
 Appling County, GA

Plant Status: Unit 1, Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: While Unit 1 was in the refueling mode and reassembly of the reactor pressure vessel was in progress, a chisel was discovered in the oil fill line of the high-pressure coolant injection system booster pump. The position of the chisel in the oil fill was such that had the pump been operated, failure of the pump may have resulted.

Action: The chisel was removed, and the pump shaft and radial bearing were inspected with no damage found.

Resolution: The licensee concluded the cause of the event was tampering, but a thorough investigation by corporate security did not identify the individual(s) responsible for the incident.

V-90-02 Date: 08/13/90 Site: Clinton
 Illinois Power Company
 DeWitt County, IL

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Tampering was discovered on a fire protection valve. A coin was placed between the position indicator switch and the valve stem, causing a false indication of valve position.

Action: The coin was removed. No change in valve alignment was found.

Resolution: The licensee's investigation determined that there was no intent to do significant damage, nor had significant damage occurred.

V-91-01 Date: 02/01/91 Site: Millstone
 Northeast Nuclear Energy Company
 New London County, CT

Plant Status: Unit 1 and 2, Operational; Unit 3, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: A piece of contractor-owned, nonsafety-related equipment was found vandalized in a protected area. The hydraulic hose of a tube cutting saw had been cut so that it would not function.

Action: An investigation was conducted.

Resolution: The investigation results were inconclusive.

VI-1

ARSON
NUREG-0525, Vol. 2
July 1992

ARSON

There were no reported events meeting the arson events criteria during 1990 or 1991.

VII-90-01 Date: 01/03/90 Site: Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: Two contract security guards were accused of having drawn their weapons after unloading them while in the protected area on December 20, 1989, and again on December 29, 1989.

Action: The employees were confronted with the accusation, and their security access was suspended.

Resolution: One individual quit without confirmation or denial of the incident, and the other stated that he had unloaded his weapon only to examine it for cleanliness. His employment was terminated for unnecessary handling of a weapon.

VII-90-02 Date: 01/04/90 Site: Rancho Seco
Sacramento Municipal Utility District
(SMUD)
Sacramento County, CA

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: Four .22-caliber cartridges were found in the lunch box of a utility employee during entry search of a SMUD vehicle.

Action: The person was escorted while he performed his on-site task. The contraband was stored and returned to the individual when he left the site.

Resolution: The individual stated that he had been on a picnic the previous week and had forgotten that the shells were in the lunch box. The licensee determined there was no malevolent intent.

VII-90-03 Date: 01/08/90 Site: Haddam Neck
Connecticut Yankee Atomic Power Company
Middlesex County, CT

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: A relatively new 12-gauge slug shotgun shell was found in the radiation control protected area by an employee.

Action: The shell was turned over to security, and it was determined that the shell was not the type used by security officers.

Resolution: The licensee concluded that an individual inadvertently carried the shell into the protected area in his/her coat pocket and dropped it while working.

VII-90-04 Date: 01/10/90 Site: Ft. Calhoun
Omaha Public Power District
Washington County, NE

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: During vehicle entry search, .30-caliber blanks were found.

Action: The contraband was removed, and the driver was denied entrance.

Resolution: The vehicle entered the protected area with a new driver.

VII-90-05 Date: 01/13/90 Site: Clinton
Illinois Power Company
DeWitt County, IL

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: A .22-caliber, long-rifle round of ammunition was discovered adjacent to the main gate inside the protected area.

Action: The item was confiscated. A sweep of the area was conducted.

Resolution: The search results were negative.

VII-90-06 Date: 01/17/90 Site: Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Plant Status: Unit 1 and 3, Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded 9-millimeter automatic firearm in a contract health physicist technician's tote bag during protected area entrance search.

Action: The individual was detained and questioned. The firearm was controlled by security until the person left the site.

Resolution: The licensee's investigation determined the individual had been target practicing and had forgotten that the weapon was in the tote bag. No malevolent intent was established.

VII-90-07 Date: 01/26/90 Site: River Bend
Gulf States Utilities Company
West Feliciana Parish, LA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected an unloaded .357-magnum revolver in a contract security officer's handbag during protected area entry search.

Action: The weapon was placed in the armory. The individual's access was suspended pending completion of the licensee's investigation.

Resolution: The licensee determined that the officer's vehicle had broken down on his way to work and the individual had removed his personal weapon from the car, placed it in his handbag, and forgotten about it. There was no malevolent intent. The officer's access was restored.

VII-90-08 Date: 01/29/90 Site: Ft. Calhoun
Omaha Public Power District
Washington County, NE

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Ammunition was discovered during vehicle entry search.

Action: The vehicle was denied access, and the driver's name was placed on the denied access list.

VII-90-09 Date: 02/10/90 Site: Ft. Calhoun
Omaha Public Power District
Washington County, NE

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Ammunition was detected during entry search of a carpet service contractor.

Action: The ammunition was confiscated, and the individual was denied access.

VII-90-10 Date: 02/14/90 Site: Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Plant Status: Unit 1, Shutdown, Unit 2 and 3, Operational. Fuel present at site.

Source: Licensee

Event: Seventeen rounds of 9-millimeter ammunition (in a clip) were discovered on a visitor during pat-down protected area entry search.

Action: The clip was confiscated, and no other contraband was found. The visitor was detained and questioned.

Resolution: The licensee determined there was no malevolent intent. However, the individual was denied access.

VII-90-11 Date: 02/15/90 Site: Turkey Point
Florida Power and Light Company
Dade County, FL

Plant Status: Unit 3, Shutdown; Unit 4, Operational. Fuel present at site.

Source: Licensee

Event: A loaded .357 magnum handgun was found in the lunch box of a contract construction employee during site entry search.

Action: The employee was denied access. His employer imposed a 2-week work suspension without pay as a disciplinary measure.

Resolution: The individual stated that he had forgotten to remove the weapon prior to entry. There was no malevolent intent. The employee's access was restored.

VII-90-12 Date: 02/17/90 Site: Brunswick
Carolina Power and Light Company
Brunswick County, NC

Plant Status: Unit 1, Operational; Unit 2, Shutdown. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded .32-caliber revolver in a health physics contract employee's handbag during protected area entry search.

Action: The weapon was confiscated, and the employee was detained for questioning.

VII-90-15 Date: 02/20/90 Site: Quad Cities
Commonwealth Edison Company
Rock Island County, IL

Plant Status: Unit 1, Operational; Unit 2, Shutdown. Fuel present at site.

Source: Licensee

Event: A contract security guard accidentally fired a shotgun inside a security patrol vehicle, damaging the floor of the vehicle. In the process of demonstrating a shotgun technique to a new security officer riding with him, the officer unknowingly injected a live shell into the firing chamber of the shotgun. When he returned the weapon to its storage rack in the vehicle, he pulled the trigger and the weapon discharged.

Action: The guard's employment was suspended pending an investigation.

Resolution: His employment was terminated.

VII-90-16 Date: 02/22/90 Site: Turkey Point
Florida Power and Light Company
Dade County, FL

Plant Status: Unit 3, Shutdown; Unit 4, Operational. Fuel present at site.

Source: Licensee

Event: A loaded .38-caliber handgun was found in a utility vehicle during entry search.

Action: Entry was denied, and the individual received a temporary suspension as a disciplinary measure.

Resolution: The utility maintenance worker had forgotten that he had the weapon in a personal handbag. There was no malevolent intent. The employee's access was subsequently restored.

VII-90-17 Date: 02/28/90 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: X-ray detected 3 rounds of 9-millimeter ammunition inside a utility employee's nylon field bag during protected area entry search.

Action: Entry was denied. The ammunition was removed from the primary access point.

Resolution: The licensee determined that the individual had been target shooting and had forgotten to remove the rounds from the bag which he used to carry his lunch to work. There was no malevolent intent.

VII-90-18 Date: 03/02/90 Site: Nine Mile Point
Niagara Mohawk Power Corporation
Oswego County, NY

Plant Status: Unit 1, Shutdown, Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: Upon completion of his 8-hour shift, a member of the security force accidentally discharged 1 round from his assigned weapon while turning in the gun at the Unit 1 security facility weapons locker located within the protected area. The round struck the floor and fragmented. No one sustained injury.

Action: The licensee's investigation concluded that improper handling of the weapon contributed to the accidental weapon discharge.

Resolution: The employee was requalified in weapons handling and interviewed by the utility psychologist prior to his return to duty.

VII-90-19 Date: 03/12/90 Site: Rancho Seco
Sacramento Municipal Utility District
(SMUD)
Sacramento County, CA

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: Two 12-gauge shotgun shells were found in the center console of a cross-country truck driver's vehicle during site entry search.

Action: The truck and driver were under continuous escort while on-site. The contraband was stored and returned to the driver when he exited the site.

Resolution: The driver stated that he used to carry a shotgun in the vehicle, but no longer transported a weapon. He had forgotten that the shells were still in the truck. There was no malevolent intent.

Resolution: The driver, authorized for unescorted protected area access, explained that when he entered the protected area, he discovered the bullets in his jacket pocket and placed them on the dash console, not realizing there was a problem. The licensee concluded that the introduction of ammunition into the protected area without having a weapon of the appropriate caliber to fire the ammunition did not have a significant security implication.

VII-90-23 Date: 03/22/90 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: One round of .38-caliber ammunition could not be accounted for in the arms room located inside the protected area.

Action: A search was conducted with negative results.

Resolution: The licensee made all the necessary notifications of the missing ammunition and replaced the round.

VII-90-24 Date: 03/26/90 Site: Braidwood
Commonwealth Edison Company
Will County, IL

Plant Status: Unit 1, Operational; Unit 2, Shutdown. Fuel present at site.

Source: Licensee

Event: Several shotgun shells were found in a tractor trailer during vehicle entry search, after the driver had responded negatively as to the possession of contraband prior to the search. The driver was then given a written list of prohibited items and asked again if he had any prohibited articles. He indicated that his wife's purse was in the truck and perhaps contained a pistol. The unloaded pistol was confiscated. A further search revealed a loaded shotgun strapped to the bottom of the bunk bed mattress.

Action: The contraband was secured. The driver was denied entry, and another driver drove the truck in to be unloaded. The County Sheriff was called, but declined to arrest the driver because no State or local laws had been broken.

Resolution: The licensee concluded that because the driver had his wife and child with him, it was not likely his intent was malevolent.

Action: The Pennsylvania State police were notified and dispatched a trooper to investigate.

Resolution: A search of nearby communities in both Pennsylvania and Maryland was conducted with negative results.

VII-90-28 Date: 04/30/90 Site: Seabrook
Public Service Company of New Hampshire
Rockingham County, NH

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: A loaded .22-caliber Derringer was detected in a licensee quality assurance inspector's jacket pocket during a routine entry search.

Action: Access was denied, and the individual's protected area access was suspended.

Resolution: The individual stated that he had been shooting vermin several nights before and neglected to remove the firearm from his pocket. The employee assistance program psychologist confirmed that the attempted introduction of a weapon was unintentional. The employee was cleared to return to work after a 3-day suspension.

VII-90-29 Date: 05/02/90 Site: Davis-Besse
Toledo Edison Company
Ottawa County, OH

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: X-ray detected an unloaded .25-caliber semiautomatic pistol and a loaded clip in a contract employee's purse during entry search.

Action: The contraband was confiscated, and the employee was denied access.

Resolution: The individual was reprimanded and counseled.

VII-90-33 Date: 05/19/90 Site: Yankee-Rowe
Yankee Atomic Electric Company
Franklin County, MA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: A 12-gauge, single barrel shotgun was found beneath numerous tools and miscellaneous items behind the seat in a contractor's truck during protected area vehicle entry search.

Action: Inspection of the weapon revealed that it was inoperable and rusted closed. The licensee's investigation revealed that the vehicle and operator had entered the protected area under armed guard earlier the same day, and the weapon was not detected at that time. The licensee suspended the employment of the two security officers responsible for the initial search.

Resolution: The driver stated he last recalled using the shotgun for hunting over a year ago and had forgotten that it was in the vehicle. The licensee determined there was no malevolent intent.

VII-90-34 Date: 06/07/90 Site: Arkansas
Arkansas Power and Light Company
Pope County, AR

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: An unloaded .38-caliber Smith & Wesson revolver was found during vehicle search at the sallyport.

Action: Access was denied.

Resolution: The licensee's investigation determined that the failure to declare the weapon was not intentional. No ammunition was present in the vehicle, and the driver was unaware of the weapon's presence.

VII-90-35 Date: 06/11/90 Site: Hatch
Georgia Power Company
Appling County, GA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: One .357-caliber cartridge was found in a vital area.

Action: A search of the area revealed no other cartridges, no items which could be used to discharge the cartridge, and no signs of attempted sabotage.

Resolution: The licensee determined this was an isolated incident, and no threat.

VII-90-36 Date: 06/12/90 Site: Pilgrim
Boston Edison Company
Plymouth County, MA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a holstered, loaded .44-caliber revolver in a utility employee's small personal carrying bag at the alternate access point prior to protected area entry.

Action: The individual's access was suspended.

Resolution: A preliminary investigation revealed that the employee had a Massachusetts license to carry firearms; therefore, he was allowed to remove the firearm from company property. Subsequent investigation supported the employee's statement that he had removed the weapon from its normal storage place at his home to show it to a family member, placed it in his bag as a temporary measure, and forgotten to return the weapon to its normal storage location. The individual's access was restored.

VII-90-37 Date: 06/28/90 Site: Duane Arnold
Iowa Electric Light and Power Company
Linn County, IA

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: An unloaded .38-caliber special, Smith & Wesson handgun was detected in an employee's briefcase during entry search.

Action: The weapon was confiscated, and the employee was escorted off-site.

Resolution: The employee's unescorted access was terminated.

VII-90-38 Date: 07/12/90 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: An unloaded .357 magnum revolver was detected during primary access entry search of a leased tractor trailer fuel truck driven by an authorized contractor employee.

Action: Access was denied.

Resolution: The individual stated he had forgotten that he had a weapon on board. No malevolent intent was established.

VII-90-39 Date: 07/13/90 Site: Trojan
Portland General Electric Company
Columbia County, OR

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: During an interview with the utility psychologist, a contract employee stated that he had inadvertently brought a loaded .45-caliber pistol into the protected area on June 12, 1990, and that another employee had observed the weapon inside the protected area. The licensee's investigation revealed that the contract worker had a concealed weapon permit for the pistol. Interviews revealed that the individual had used the firearm at a firing range the evening of June 11, 1990, and upon completion of the firing, had placed the weapon, ammunition, and holster in his briefcase and forgotten about it. The worker stated he entered the site the following day with the contraband undetected in his briefcase.

Action: The worker's unescorted access authorization was inactivated on July 13, 1990, and was permanently withdrawn on August 22, 1990.

Resolution: The licensee determined that during X-ray entry search the weapon and ammunition could have appeared on the screen as images which should have been challenged by the equipment operator. The licensee's extensive investigation could not exclusively prove that a functional firearm was actually introduced into the protected area. However, follow-up actions were taken by the licensee with the assumption of actual event occurrence.

VII-90-40 Date: 07/25/90 Site: South Texas
Houston Lighting and Power Company
Matagorda County, TX

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a 9-millimeter automatic pistol loaded with a 15-round clip of ammunition in a contractor employee's duffel bag during entry search.

Action: The licensee conducted an investigation.

Resolution: The investigation revealed that the individual had been hunting the previous weekend and had forgotten that he had placed the weapon in the bag. The licensee determined there was no malevolent intent.

VII-90-41 Date: 07/26/90 Site: Limerick
Philadelphia Electric Company
Montgomery County, PA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: A loaded .22-caliber handgun was discovered in a vehicle during sallyport search.

Action: The individual was escorted out of the protected area, and the local law enforcement agency was notified.

Resolution: Investigation determined the weapon was not licensed in the State of Pennsylvania. The truck driver was unaware that his wife had placed the weapon in his gym bag. No malevolent intent was established.

VII-90-42 Date: 08/01/90 Site: Brunswick
Carolina Power and Light Company
Brunswick County, NC

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded .32-caliber revolver in a utility employee's handbag during protected area entry search, and access was denied.

Action: Security retrieved the weapon, and unescorted access was restored to the individual.

Resolution: The licensee determined the individual had removed the weapon from her car when she had her vehicle inspected, placed the gun in her handbag, and forgotten about it. There was no malevolent intent.

VII-90-43 Date: 08/01/90 Site: Ft. St. Vrain
Public Service Company of Colorado
Weld County, CO

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: X-ray detected a single .22-caliber round of ammunition among personal items in an individual's bag.

Action: The round was confiscated and removed from the area.

Resolution: The licensee determined there was no malevolent intent.

VII-90-44 Date: 08/21/90 Site: South Texas
Houston Lighting and Power Company
Matagorda County, TX

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: At 7:15 a.m., an employee inadvertently brought 13 rounds of .38-caliber ammunition into the protected area in his heavily packed carry-all bag. The contraband was not detected by X-ray search. At 2:15 p.m., the individual reached into the bag and discovered the contraband. He removed the ammunition from the protected area and returned it to his automobile.

Action: Security was notified.

Resolution: The licensee determined there was no malevolent intent.

VII-90-45 Date: 08/24/90 Site: St. Lucie
Florida Power and Light Company
St. Lucie County, FL

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Eleven shells of various types for a 12-gauge shotgun were detected in an old, dusty bag under the seat of a contractor's vehicle during site entry search.

Action: The ammunition was removed from the vehicle.

Resolution: The licensee's investigation determined there was no malevolent intent, and driver and vehicle access was granted.

VII-90-46 Date: 09/04/90 Site: Arkansas
Arkansas Power and Light Company
Pope County, AR

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: An unloaded .22-caliber rifle was detected during protected area entry search of a rented Ryder truck brought on-site to move equipment from a building inside the protected area to a new engineering building outside the protected area.

Action: The vehicle and occupants were denied entry until a determination was made that the incident was unintentional.

Resolution: The licensee's investigation disclosed that the rifle did not belong to the occupants who had contracted for the truck, but to a local person who had previously rented the truck. The rifle was retained by security until the local individual provided proof of ownership.

VII-90-47 Date: 09/11/90 Site: River Bend
Gulf States Utilities Company
West Feliciana Parish, LA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: A shotgun shell was found during protected area vehicle entry search.

Action: The shell was removed prior to vehicle entry.

Resolution: The licensee determined there was no malevolent intent.

VII-90-48 Date: 09/17/90 Site: Turkey Point
Florida Power and Light Company
Dade County, FL

Plant Status: Units 3 and 4, Operational. Fuel present at site.

Source: Licensee

Event: Within 5 minutes after an employee entered the protected area, he discovered he had ammunition in his hand-carried bag.

Action: He removed the contraband from the area and reported the event.

Resolution: The licensee determined the ammunition had not been detected by X-ray during entry search because it blended in with other material in the bag. There was no malevolent intent. The employee was counseled.

Resolution: The licensee's investigation determined the attempted introduction was inadvertent. The employee's access was reinstated.

VII-90-52 Date: 10/06/90 Site: Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

Plant Status: Units 1, Shutdown. Fuel present at site.

Source: Licensee

Event: An unloaded .38-caliber revolver was detected in a contractor employee's lunch box during entry search. There was no ammunition in the lunch box or on the person.

Action: Access was denied. The individual's employment was terminated by the contractor.

Resolution: The employee stated he had forgotten to remove the weapon before reporting for work. The licensee determined there was no malevolent intent.

VII-90-53 Date: 10/09/90 Site: Harris
Carolina Power and Light Company
Wake County, NC

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Four 20-gauge shotgun shells were discovered in the sleeping compartment of a freight line cab truck during access search at the main vehicle entry gate.

Action: The ammunition was confiscated.

Resolution: The licensee determined there was no malevolent intent, and permitted vehicle and driver access with a security escort.

VII-90-54 Date: 10/15/90 Site: Ft. Calhoun
Omaha Public Power District
Washington County, NE

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Ammunition was not declared at the site entrance, outside the protected area.

Action: An investigation was conducted.

Resolution: The licensee determined there was no malevolent intent.

Resolution: The individual received a 3-day suspension without pay as a disciplinary measure.

VII-90-62 Date: 11/05/90 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: A contractor employee became aware of 3 loose rounds of .22-caliber ammunition in his jacket while inside the protected area.

Action: A security officer observed and confiscated the items when the individual emptied his pockets going into a clear area.

Resolution: The licensee determined there was no malevolent intent. The individual was retrained.

VII-90-63 Date: 11/08/90 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: An employee authorized unescorted access failed the metal detector twice, and a hand-held detector alarmed on a Winchester .270-caliber round in the employee's raincoat pocket.

Action: Access was denied.

Resolution: The employee had forgotten that he had placed the round there during the deer hunting season. The licensee determined there was no malevolent intent. The individual was retrained.

VII-90-64 Date: 11/17/90 Site: Arkansas
Arkansas Power and Light Company
Pope County, AR

Plant Status: Unit 1, Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded .25-caliber automatic pistol in a badged contract employee's purse during entry search.

Action: The weapon was removed from site. The individual's access was denied until a determination was made that the error was unintentional.

VII-90-71 Date: 12/08/90 Site: Harris
 Carolina Power and Light Company
 Wake County, NC

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded .357-caliber revolver in an employee's hand-carried purse during entry search.

Action: An investigation was conducted. The employee was subjected to disciplinary action.

Resolution: The licensee's investigation determined that the employee normally carried the revolver in her vehicle. The vehicle had been driven to the garage for maintenance, at which time she placed the revolver in her purse. She had forgotten to remove the weapon before arrival at the site. The licensee determined there was no malevolent intent.

VII-90-72 Date: 12/31/90 Site: Clinton
 Illinois Power Company
 Dewitt County, IL

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded 9-millimeter pistol inside an employee's briefcase during protected area entry search.

Action: The local law enforcement agency was notified to take possession of the weapon.

Resolution: The individual said that the weapon belonged to his wife, and he did not know it was in the briefcase. The licensee concluded this was an unintentional act.

VII-91-01 Date: 01/02/91 Site: Beaver Valley
 Duquesne Light Company
 Beaver County, PA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a SIG Sauer Model 230/.380-caliber automatic handgun in a plastic bag in the pocket of a jacket worn by a utility employee during entry search. The weapon was not chambered, but a full magazine of 7 rounds was in the gun. In addition, an extra magazine of 7 rounds was found in the bag.

Action: A security supervisor took possession of the firearm and the extra magazine. The employee's badge was removed, and he was brought on-site as a visitor for questioning. His employment was suspended, and a thorough investigation was conducted. The individual's employment was subsequently terminated. Following arbitration, his employment was reinstated on June 28, 1991.

Resolution: The investigation determined that the individual did not have a permit for the weapon, although he had applied for one. The individual stated he had been to a firing range the last time he had worn the jacket and had forgotten that the pistol was in the pocket. The morning of the incident, his wife had dropped him off at work. The licensee determined there was no malevolent intent.

VII-91-02 Date: 01/07/91 Site: Cooper
Nebraska Public Power District
Nemaha County, NE

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: After an employee exited the site, he discovered that he had six shotgun shells in his pocket.

Action: The employee returned to the access control point and reported that the contraband had been on-site.

Resolution: The employee was counseled by management on his responsibility to prevent contraband from entering the site. The licensee determined there was no malevolent intent.

VII-91-03 Date: 01/22/91 Site: Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: A loaded carbine was inadvertently left unattended in the "break" room in the security building, a protected area.

Action: The weapon was retrieved.

Resolution: The licensee issued a letter of reprimand to the employee.

VII-91-07 Date: 02/16/91 Site: Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: A loaded carbine was inadvertently left unattended in the "break" room in the security building, a protected area.

Action: The weapon was retrieved.

Resolution: The licensee issued a letter of reprimand to the employee.

VII-91-08 Date: 02/20/91 Site: Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: A loaded shotgun was inadvertently left unattended by an employee in the central alarm station, a protected area.

Action: The weapon was retrieved.

Resolution: The licensee issued a letter of reprimand to the employee.

VII-91-09 Date: 02/23/91 Site: San Onofre
Southern California Edison Company
San Diego County, CA

Plant Status: Unit 1, Refueling Shutdown; Units 2 and 3, Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected an unloaded .22-caliber pistol in a temporary contract employee's tote bag during routine protected area entry search.

Action: The individual was immediately detained, administered a "hands on" search, and both his unescorted and escorted access were suspended pending an investigation.

Resolution: The investigation revealed no malevolent intent, and the individual's unescorted access was reinstated. However, the employee did not re-enter the protected area because the individual's employment contract expired 3 days after completion of the investigation.

VII-91-13 Date: 04/08/91 Site: Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded .25-caliber semiautomatic pistol at the bottom of an employee's lunch bucket during protected area entry search.

Action: The pistol was confiscated. The employee's vital area access was withdrawn pending an investigation.

Resolution: The investigation revealed that the employee had not been on-site for a week, during which time he had been working in a rough neighborhood and carried the weapon for protection. The licensee determined there was no malevolent intent. The employee's vital area access was reinstated.

VII-91-14 Date: 04/23/91 Site: Braidwood
Commonwealth Edison Company
Will County, IL

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: While a security officer was removing her weapon from its holster, the weapon was inadvertently cocked, the trigger was pulled, and another security guard was injured by a bullet fragment which ricochet from the floor and grazed the latter's nose.

Action: The injured individual was taken to the hospital where two stitches were required to stop the bleeding.

Resolution: The licensee determined that the accident was caused by improper unloading procedures. The officer who caused the event was assigned to 5 days of range firing and re. ained in the proper method of unloading.

VII-91-15 Date: 04/26/91 Site: Harris
Carolina Power and Light Company
Wake County, NC

Plant Status: Unit 1, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: One round of 7.62-caliber rifle ammunition was detected during X-ray entry search of a newly employed contract guard's utility bag.

Action: The ammunition was confiscated, and the employee was counseled.

Resolution: The employee had recently gotten out of the military, and he had forgotten that he had the ammunition in his bag. The licensee determined there was no malevolent intent, and the employee was permitted access.

VII-91-16 Date: 05/02/91 Site: South Texas
Houston Lighting and Power Company
Matagorda County, TX

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: At approximately 10:38 a.m., an employee reported to her manager that she had mistakenly brought a loaded 2 shot, .32-caliber, Davis-Model D-32 Derringer pistol into the protected area in her purse.

Action: The manager took possession of the individual's purse which contained the pistol, and escorted her to the security force supervisor. The pistol was secured pending an investigation.

Resolution: An investigation determined that the purse containing the pistol had been processed through the X-ray machine without arousing suspicion sufficient to cause a physical search and that it was an unintentional act. The licensee took corrective action to address both the root cause, identified as the employee's failure to follow required procedures, and the security officer's failure to correctly interpret the X-ray's image.

VII-91-17 Date: 05/07/91 Site: Indian Point 1 & 2
Consolidated Edison Company
Westchester County, NY

Plant Status: Unit 2, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: An contractor employee (welder) attempted to enter the protected area with a bolt action and trigger assembly from a .22-caliber rifle. The search guard observed the trigger assembly on the X-ray machine, searched further, and found the bolt.

Action: The person's access was denied, and he was counseled. He was administered a fitness for duty test with negative results. His unescorted access was changed to escorted access. A search of his locker was conducted, and he was taken off-site.

Resolution: The individual intended to dig out the trigger and put in a dual trigger while in the machine shop. The licensee determined there was no malevolent intent. The welder's access was reissued on May 10, 1991, after completion of an investigation.

VII-91-20 Date: 05/15/91 Site: Indian Point 1 & 2
 Consolidated Edison Company
 Westchester County, NY

Plant Status: Unit 2, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: A contractor employee attempted to enter the protected area with an empty ammunition magazine (banana clip) for a rifle.

Action: The person was denied access, and he was counseled. A search of his locker was conducted with negative results. He was administered a fitness for duty test with negative results.

Resolution: The individual stated he was going to give the banana clip to another employee, whom he believed wanted a clip, but had not been able to secure one. The licensee determined there was no malevolent intent. The person's access was reissued on May 23, 1991, after completion of an investigation.

VII-91-21 Date: 05/26/91 Site: Ft. St. Vrain
 Public Service of Colorado
 Weld County, CO

Plant Status: Shutdown. Fuel present at site.

Source: Licensee

Event: A security officer found a .223-caliber round missing during an inventory check.

Action: The round was replaced.

Resolution: The licensee was unable to locate the missing round.

VII-91-22 Date: 06/03/91 Site: Braidwood
 Commonwealth Edison Company
 Will County, IL

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: A unloaded .38-caliber, Smith and Wesson revolver was detected in a security officer's lunch box during entry search.

Action: The weapon was immediately controlled by security.

Resolution: The individual inadvertently placed the weapon in the lunch box after the employee had gotten off duty with the Joliet Police Department. The licensee determined there was no malevolent intent.

VII-91-23 Date: 06/03/91 Site: Dresden
Commonwealth Edison Company
Grundy County, IL

Plant Status: Units 2 and 3, Operational. Fuel present at site.

Source: Licensee

Event: A loaded .25-caliber semiautomatic pistol was found on a station employee (laborer) in the back pocket of his pants during entry screening at the security gatehouse.

Action: The weapon was confiscated, and the individual was denied access. An investigation was conducted by corporate security.

Resolution: The individual had worn the pants the previous day, placed the weapon in the pocket, and forgotten about it. The licensee determined there was no malevolent intent. The individual's unescorted access was reinstated by corporate security on June 25, 1991.

VII-91-24 Date: 06/04/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Operational; Unit 2, Under Construction. Fuel present at site.

Source: Licensee

Event: A security officer left his authorized unloaded shotgun and ammunition in the administrative area where he had been writing a report. The officer immediately realized he had left the weapon and returned to recover the firearm and ammunition. One other employee was in the administrative area at the time of the incident, but was not aware of the incident until the officer returned to retrieve his possessions.

Action: The licensee conducted an extensive investigation.

Resolution: The individual was retrained in the proper use and control of firearms.

VII-91-25 Date: 06/05/91 Site: Rancho Seco
Sacramento Municipal Utility District
Sacramento County, CA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: A .22 caliber Derringer loaded with 5 rounds of ammunition was detected during vehicle site entry search.

Action: The contraband was confiscated and accounted for by a property receipt.

Resolution The driver was not the full-time driver of the long-haul truck, and he had no knowledge of the weapon's presence in the truck. Prior to the search, he had turned over his own loaded .357-caliber revolver and 1 round of .22-caliber ammunition. The licensee determined there was no malevolent intent.

VII-91-26 Date: 06/10/91 Site: Turkey Point
Florida Power and Light Company
Dade County, FL

Plant Status: Units 3, Shutdown for Upgrade; Unit 4, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: A round of .38-caliber ammunition was found on a contract employee during entry search.

Action: The individual was denied access, and the ammunition was confiscated.

Resolution: After it was determined that the round had been inadvertently left in his pocket, the individual was allowed access.

VII-91-27 Date: 06/19/91 Site: Harris
Carolina Power and Light Company
Wake County, NC

Plant Status: Unit 1, Operational. Fuel present at site.

Source: Licensee

Event: One .22-caliber round of ammunition was discovered in the loose article container after an X-ray operator directed that a further search be conducted because a clutter of items created an indiscernible image on the screen during an employee's entry X-ray search.

Action: The ammunition was confiscated, and the employee was counseled.

Resolution: The licensee determined there was no malevolent intent.

Resolution: The investigation determined that the individual had put the ammunition in his jacket pocket while at the firing range and forgotten about it. The licensee determined there was no malevolent intent.

VII-91-31 Date: 07/05/91 Site: Turkey Point
Florida Power and Light Company
Dade County, FL

Plant Status: Unit 3, Shutdown for Upgrade; Unit 4, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: Three loose rounds of .38-caliber ammunition were found during entry search of a vendor's vehicle.

Action: The ammunition was secured. Vehicle access was denied, and the driver was interviewed.

Resolution: The ammunition was inadvertently left in the vehicle's glove compartment. The individual had turned in a box of .357-caliber ammunition prior to the search. The licensee determined that there was no malevolent intent.

VII-91-32 Date: 07/09/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Operational; Unit 2, Under Construction. Fuel present at site.

Source: Licensee

Event: Twelve rounds of .38-caliber ammunition and two speedloaders were discovered missing from the arms room during an inventory of the security equipment.

Action: The security shift supervisor was notified, and a search was conducted for the missing ammunition. The rounds and the speedloaders were replaced.

Resolution: The search results were negative.

VII-91-33 Date: 07/15/91 Site: River Bend
Gulf States Utilities Company
West Feliciana Parish, LA

Plant Status: Unit 1, Operational. Fuel present at site.

Source: Licensee

Event: A loaded .357 handgun and 6 rounds of ammunition were discovered by X-ray during the protected area entry search of an oncoming contract security officer's tote bag.

Action: An investigation was conducted.

Resolution: The investigation determined there was no malevolent intent. Remedial training was given to the guard.

VII-91-34 Date: 07/17/91 Site: Turkey Point
Florida Power and Light Company
Dade County, FL

Plant Status: Units 3, Shutdown for Upgrade; Unit 4, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: A loaded .38-caliber handgun was discovered in an employee's purse during entry search.

Action: The employee was denied access and was interviewed.

Resolution: The licensee determined the handgun was inadvertently left in the purse and there was no malevolent intent.

VII-91-35 Date: 08/13/91 Site: Clinton
Illinois Power Company
Dewitt County, IL

Plant Status: Unit 1, Operational. Fuel present at site.

Source: Licensee

Event: Twelve rounds of .38-caliber ammunition were detected on a security force captain in the search lane when he reported for work.

Action: The individual was denied access to the protected area, a search was performed, and an investigation was conducted. The ammunition was returned to the armory.

Resolution: The investigation revealed that the individual had been at the firing range the previous Friday and had forgotten that he had the ammunition. The licensee determined there was no malevolent intent, and the individual was allowed on-site.

VII-91-36 Date: 08/13/91 Site: South Texas
Houston Lighting and Power Company
Matagorda County, TX

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Security was notified that 5 rounds of corroded .38-caliber ammunition were found in a mailbox in a trailer west of the maintenance shop in the protected area.

Action: Security took possession of the ammunition and conducted an investigation. Five other trailers were searched.

Resolution: No other contraband was found.

VII-91-37 Date: 08/17/91 Site: South Texas
Houston Lighting and Power Company
Matagorda County, TX

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: A security force vehicle, with the assigned weapons and ammunition inside a locked box, was discovered unattended in the protected area.

Action: The security force supervisor was notified.

Resolution: All weapons and ammunition were accounted for in the vehicle.

VII-91-38 Date: 08/28/91 Site: River Bend
Gulf States Utilities Company
West Feliciana Parish, LA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: A .38-caliber bullet was reported missing by a member of the security force.

Action: A search was conducted in the vicinity of the armory, lockers, and the "break" area.

Resolution: The missing round was not found.

VII-91-39 Date: 09/06/91 Site: Vogtle
Georgia Power Company
Burke County, GA

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: A small amount of .22-caliber ammunition was detected in a licensee employee's briefcase at the protected area entry point.

Action: The individual was escorted out to his car with the ammunition, and the contraband was left in the vehicle.

Resolution: The employee had been out shooting using his personal handgun several days before the incident, and he had forgotten that he had left the ammunition in his briefcase. The licensee determined there was no malevolent intent.

VII-91-40 Date: 09/19/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Operational; Unit 2, Under Construction. Fuel present at site.

Source: Licensee

Event: Twelve rounds of security handgun ammunition were unaccounted for in the protected area during a security inventory.

Action: A search for the missing ammunition was conducted.

Resolution: The search results were negative.

VII-91-41 Date: 09/27/91 Site: Trojan
Portland General Electric Company
Columbia County, OR

Plant Status: Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: An unloaded Taurus 9-millimeter handgun was detected in an employee's tote bag during routine protected area entry search.

Action: Security secured the weapon.

Resolution: The individual had recently acquired the weapon and had forgotten to remove it from his tote bag. He intended to take it to the firing range that evening. The licensee determined there was no malevolent intent.

VII-91-42 Date: 10/04/91 Site: Palo Verde
Arizona Public Service Company
Maricopa County, AZ

Plant Status: Units 1 and 3, Operational; Unit 2, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: X-ray detected a loaded .22-caliber automatic handgun in the purse of a contractor employee (fire watch) during protected area entry search.

Action: The gun was confiscated, and the employee's site access was suspended.

Resolution: The licensee determined the employee had forgotten that the weapon was in her purse. There was no malevolent intent.

VII-91-43 Date: 10/08/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Refueling Shutdown; Unit 1, Under Construction. Fuel present at site.

Source: Licensee

Event: A security officer accidentally fired a .38 caliber weapon inside the protected area.

Action: The weapon was confiscated by the security supervisor, and an investigation was conducted.

Resolution: The investigation determined that after dry firing the weapon at the range that morning, the individual took the weapon into the arms room, loaded it, and accidentally discharged it. The bullet hit a concrete wall. No one was injured. The individual was retrained in the use of firearms, and downgraded to unarmed officer status. The licensee's guidelines covering arms usage were reissued and posted for all employees to read.

VII-91-44 Date: 10/09/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Refueling Shutdown; Unit 1, Under Construction. Fuel present at site.

Source: Licensee

Event: An employee found a .22-caliber round on the floor of the Unit 2 containment building.

Action: The employee turned the round over to the security officer who removed it from the protected area.

Resolution: The licensee determined that the round was old and probably had fallen out of someone's pocket.

Resolution: The weapon had been placed in the gym bag by his roommate, with whom he car pooled, who planned to take the weapon on a weekend trip. They intended to remove it from the bag before entering the protected area, but had forgotten to do so. The gun was returned to them when they left the site. The licensee determined there was no malevolent intent.

VII-91-48 Date: 10/30/91 Site: Quad Cities
Commonwealth Edison Company
Rock Island County, IL

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: A loaded .38-caliber Derringer revolver was found in a briefcase in a tractor truck during vehicle entry search.

Action: Both the vehicle and the driver were denied access.

Resolution: The driver said he had forgotten that the weapon was in the truck. The licensee determined there was no malevolent intent.

VII-91-49 Date: 11/09/91 Site: Wolf Creek
Kansas Gas and Electric Company
Coffey County, KS

Plant Status: Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: An employee discovered that he had entered the protected area with a box of .22-caliber ammunition in his pocket, and immediately reported to security.

Action: The ammunition was removed from the protected area.

Resolution: The licensee determined there was no malevolent intent.

VII-91-50 Date: 11/09/91 Site: Wolf Creek
Kansas Gas and Electric Company
Coffey County, KS

Plant Status: Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: X-ray detected a 9-millimeter automatic pistol in a contract employee's utility bag at the personnel entrance search station.

Action: The weapon was controlled by security, and the employee was denied access.

Resolution: The employee's employment was terminated, and he was immediately escorted from company property.

Resolution: The investigation revealed that the individual had previously placed the weapon in his briefcase when cleaning out his personal automobile. The licensee determined there was no malevolent intent. The weapon was returned to the employee's car and locked up, and the employee was permitted access.

VII-91-54 Date: 12/12/91 Site: Duane Arnold
Iowa Electric Light and Power Company
Linn County, IA

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: A badged individual entered the protected area, removed his coat, and discovered he had five shotgun shells in his pocket.

Action: The individual immediately reported the event to security, and the shells were removed from the protected area.

Resolution: The licensee determined there was no malevolent intent.

VII-91-55 Date: 12/18/91 Site: Peach Bottom
Philadelphia Electric Company
York County, PA

Plant Status: Unit 2, Operational; Unit 3, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: Security detected a 9-millimeter handgun, loaded with a full clip of 17 rounds, unchambered, on a contract employee in the search train at the guardhouse.

Action: The weapon was secured, an investigation was conducted, and the Pennsylvania State police were summoned.

Resolution: The individual was arrested for carrying a weapon without a permit.

VII-91-56 Date: 12/19/91 Site: Trojan
Portland General Electric Company
Columbia County, OR

Plant Status: Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: An unloaded .25-caliber automatic handgun was detected in a licensee employee's cloth bag during protected area entry search.

Action: The individual was denied entry, and the licensee investigated.

RADIOLOGICAL SABOTAGE

There have been no reported events meeting the radiological sabotage criteria.

NONRADIOLOGICAL SABOTAGE

There were no reported events meeting the nonradiological sabotage criteria during 1990 or 1991.

NOTE: Events which involve alcohol and drugs, a fitness for duty issue formerly reported in Category IX, have been dropped from NUREG-0525, Safeguards Summary Event List.

Information on such events is presented in NUREG/CR-5758, Fitness for Duty in the Nuclear Power Industry, Annual Summary of Program Performance Reports, published annually by the Nuclear Regulatory Commission.

Action: The burglary was reported to the local law enforcement agency. A search of the immediate neighborhood failed to locate the briefcase or its contents.

Resolution: The robber was later arrested, and it was determined that he had disposed of the reports in the trash.

X-90-04 Date: 03/14/90 Site: Vogtle
Georgia Power Company
Burke County, GA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Nonnuclear theft. Security officers training and qualification tests were stolen from an unsecured cabinet in the field support building. There was no evidence of forced entry.

Action: The tests were revised.

Resolution: Those individuals who were tested a few days before or after the discovery of the missing tests were retested.

X-90-05 Date: 04/19/90 Site: Pilgrim
Boston Edison Company
Plymouth County, MA

Plant Status: Shutdown. Fuel present at site.

Source: Plymouth Fire Department

Event: Siren pole cut. The Plymouth Fire Department notified the licensee that they had discovered a siren pole cut down and blocking Old Sandwich Road, north of Beaver Dam Road, in the Town of Plymouth. The siren was installed as part of an alert/notification system enhancement.

Action: The licensee coordinated the incident with the Massachusetts Civil Defense Agency and the Town of Plymouth.

Resolution: No perpetrator was identified.

X-90-06 Date: 04/22/90 Site: Diablo Canyon
Pacific Gas and Electric Company
San Luis Obispo County, CA

Plant Status: Unit 1, Operational; Unit 2, Shutdown. Fuel present at site.

Source: Licensee

Event: Power pole cut. On April 22, 1990, at 2:45 a.m., the licensee discovered that vandals had cut through a wooden power pole in an area north of Watsonville, California. Repair of the pole caused a 2-hour loss of electrical power to approximately 92,000 customers. At 3 p.m., the utility found a second cut wooden pole in the same general vicinity and repaired it without incident. On April 23, 1990, electrical power was interrupted again for the same 92,000 customers because vandals had cut the bolts on all four legs of a 100-foot-high steel transmission tower. An anonymous caller to a San Francisco newspaper reporter led to the discovery of a 1-page handwritten note from a group who accepted responsibility for toppling the power lines citing "...nuclear dangers posed by Diablo Canyon nuclear power plant..." These incidents occurred approximately 150 miles from Diablo Canyon and did not affect electrical service at Diablo Canyon.

Action: The FBI assumed investigative responsibility for these incidents.

Resolution: No arrests have been made.

X-90-07 Date: 04/23/90 Site: Robinson
Carolina Power and Light Company
Darlington County, SC

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Security officer arrested. An off-duty security force member was arrested for petty larceny.

Action: His access was revoked pending an investigation.

Resolution: The individual subsequently entered a guilty plea at court, and his employment was terminated.

X-90-11 Date: 08/03/90 Site: Clinton
 Illinois Power Company
 DeWitt County, IL

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. The licensee reported the loss of safeguards information.

Action: A search was conducted with negative results.

Resolution: The licensee determined the lost information did not pose a threat to security.

X-90-12 Date: 08/07/90 Site: Arkansas
 Arkansas Power and Light Company
 Pope County, AR

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. A safeguards cabinet located inside the protected area was forcibly entered over the weekend of August 4-5, 1990.

Action: An inventory of the contents was performed. All material was accounted for.

Resolution: The licensee's investigation determined that the cabinet contained obsolete information. There was no safeguards compromise.

X-90-13 Date: 10/04/90 Site: Millstone
 Northeast Nuclear Energy Company
 New London County, CT

Plant Status: Units 1 and 3, Operational; Unit 2, Shutdown. Fuel present at site.

Source: Licensee

Event: Safeguards information. A document containing safeguards information was discovered to be missing.

Action: The licensee reviewed a copy of the document.

Resolution: The licensee determined the missing information could not aid undetected entry or unauthorized access to protected or vital areas.

X-90-14 Date: 10/24/90 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. Twelve safeguard documents were discovered to be missing from the document control room.

Action: An investigation was conducted.

Resolution: The licensee determined one document had been destroyed. Of the remaining documents, only four contained safeguard information. The licensee determined that the missing documents could not assist anyone in an act of sabotage or theft.

X-90-15 Date: 10/28/90 Site: Grand Gulf
Mississippi Power and Light Company
Claiborne County, MS

Plant Status: Unit 1, Shutdown. Fuel present at site.

Source: Licensee

Event: Safeguards information. A document containing safeguards information was discovered to be missing.

Action: A search was conducted with negative results.

Resolution: An investigation was conducted, and a safeguards compromise was ruled out because the missing document could not assist anyone in an act of sabotage or theft.

X-90-16 Date: 10/28/90 Site: LaSalle
Commonwealth Edison Company
LaSalle County, IL

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. One page of a document containing security information was discovered to be missing.

Action: The licensee instituted an audit program in the security control center whereby all safeguards documents are audited biweekly to assure accountability.

Resolution: The licensee determined that the single page could not aid undetected entry or unauthorized access to protected or vital areas.

Action: The incident was turned over to corporate security for investigation.

Resolution: As of December 17, 1991, the investigation was still underway.

X-91-05 Date: 01/12/91 Site: Hatch
 Georgia Power Company
 Appling County, GA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Georgia Power Company

Event: Threat. NRC Region II received a telephone call from Georgia Power advising that at 12:20 a.m., on January 12, 1991, an individual drove up to Hatch's Gate 1 (owner-controlled area) in an 18-wheeler, jumped out of the vehicle, and asked to see a plant operator regarding a private business dealing. When told the operator would not be at work until January 15, 1991, the driver stated he would be back. After he got back in the truck he stated, "... if I pulled the wires to disable this truck and had explosives on board, I could shut this place down."

Action: The local law enforcement agency and the FBI were notified.

Resolution: On January 16, 1991, the driver was identified by the plant operator, and his name was given to the sheriff's office. He was arrested on unrelated theft charges. No further action was planned by the licensee.

X-91-06 Date: 01/15/91 Site: Susquehanna
 Pennsylvania Power and Light Company
 Luzerne County, PA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Contraband. A visitor voluntarily surrendered a knife after setting off the metal detector during a routine search prior to protected area entry.

Action: The contraband was confiscated by the security officer, and a property receipt was issued.

Resolution: The licensee determined there was no malevolent intent.

X-91-10 Date: 01/17/91 Site: Farley
Alabama Power Company
Houston County, AL

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. A safeguards document was discovered missing during an audit.

Action: The licensee's investigation determined that 17 security procedures could not be located. Document control procedures were revised, and training was provided to personnel on the proper handling of safeguards information.

Resolution: The licensee believes that the documents may have been destroyed during their efforts to minimize unnecessary safeguards information. The licensee determined that the documents, by themselves, were not deemed significant as they could not allow undetected or unauthorized access to the protected areas.

X-91-11 Date: 01/20/91 Site: Prairie Island
Northern States Power Company
Goodhue County, MN

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Trespasser. An unidentified individual was observed walking in an easterly direction, in the owner-controlled area, exterior to the protected area. The individual threw a small canvas bag over the fence leading to the cooling tower area. He then crossed over a walkway over the discharge canal and disappeared into the darkness.

Action: As a precautionary measure, security officers were deployed within the protected area. The local law enforcement agency was notified, and they responded. Searches, which included the use of dogs and an aerial search, were conducted.

Resolution: No person was found. The police surmised it was a runaway youth from a nearby Indian reservation.

Resolution: The individual was known to the local police as he had made previous threats. The licensee filed a complaint, a warrant was issued, and the man was arrested and jailed.

X-91-15 Date: 01/31/91 Site: Salem
Public Service Electric and Gas Company
Salem County, NJ

Plant Status: Unit 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Self-inflicted gun shot wound. At 9:42 p.m., a fire watch employee found a female contract security officer wounded by a single gun shot to the chest in a women's locker room in the access control building. Her gun was holstered, but it did have one round discharged.

Action: The officer was transported to the hospital by helicopter. The local police and the county prosecutor's office were notified and conducted an investigation. The licensee also investigated the incident.

Resolution: The female guard admitted shooting herself. She had personal problems. The licensee revoked her access, and her employment was terminated by her employer for misuse of a firearm.

X-91-16 Date: 02/01/91 Site: Farley
Alabama Power Company
Houston County, AL

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. Two safeguards documents were discovered missing during an audit.

Action: The licensee conducted an investigation covering a total of 19 documents found missing to date (See Item X-91-10). Document control procedures were revised, and training was provided to personnel on the proper handling of safeguards information.

Resolution: The licensee believes that the documents may have been destroyed during their efforts to minimize unnecessary safeguards information. The licensee determined that these two documents, by themselves, were not deemed significant as they could not allow undetected or unauthorized access to the protected areas.

X-91-17 Date: 02/01/91 Site: Arkansas
Arkansas Power and Light Company
Pope County, AR

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: FBI, Little Rock, Arkansas

Event: Threat. At 3:23 p.m., the FBI office in Little Rock, Arkansas, received a call from a male with a Middle Eastern accent who stated, "We are going to attack Nuclear One."

Action: The licensee was notified. The licensee heightened security and notified the local law enforcement agency.

Resolution: The FBI and the licensee determined the threat was noncredible.

X-91-18 Date: 02/05/91 Site: Dresden
Commonwealth Edison Company
Grundy County, IL

Plant Status: Units 2 and 3, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. A document marked "Safeguards Information" was reported missing during a quarterly audit of safeguards information.

Action: Proper security and station personnel were notified. An investigation was conducted.

Resolution: The licensee reported the document apparently was inadvertently destroyed. The licensee determined that the material in itself could not circumvent security.

X-91-19 Date: 02/12/91 Site: Wolf Creek
Kansas Gas and Electric Company
Coffey County, KS

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. A document containing safeguards information was reported missing.

Action: A search was conducted.

Resolution: The search results were negative. The licensee determined the information could not significantly assist an individual in an act of radiological sabotage or theft of special nuclear material.

X-91-22 Date: 02/26/91 Site: Palo Verde
Arizona Public Service Company,
Maricopa County, AZ

Plant Status: Units 1, 2, and 3, Operational. Fuel present at site.

Source: Licensee

Event: Search violation. An individual threw keys over the protected area fence.

Action: The keys were recovered. The individual inside the protected area was searched.

Resolution: Both individuals were escorted to security headquarters and advised of their responsibility.

X-91-23 Date: 03/04/91 Site: Millstone
Northeast Nuclear Energy Company
New London County, CT

Plant Status: Units 1 and 2, Operational; Unit 3, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: Contraband. A set of brass knuckles was detected on a contractor during routine protected area entry search.

Action: Security confiscated the contraband and interviewed the individual.

Resolution: The licensee determined there was no intent to circumvent the security measures.

X-91-24 Date: 03/06/91 Site: Harris
Carolina Power and Light Company
Wake County, NC

Plant Status: Unit 1, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: Safeguards information. Corporate headquarters mailed a package containing safeguards information to the Harris facility on February 26, 1991, but it was never received by the addressee.

Action: An initial search was conducted with negative results. An investigation also yielded negative results.

Resolution: The licensee and Region II concurred that the missing package did not compromise or degrade the security program to any measurable degree.

X-91-25 Date: 03/12/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Operational; Unit 2, Under Construction. Fuel present at site.

Source: Licensee

Event: Nonnuclear theft. A small amount of miscellaneous construction material (2 cans of PVC glue and primer, 2 rolls of solder, 2 cans of flux, and a strap wrench) was stolen from a tool room inside the protected area.

Action: The incident was turned over to corporate security for investigation.

Resolution: As of December 17, 1991, the investigation was still underway.

X-91-26 Date: 03/15/91 Site: Perry
Cleveland Electric Illuminating Company
Lake County, OH

Plant Status: Unit 1, Operational. Fuel present at site.

Source: Licensee

Event: Trespasser. At approximately 3 a.m., security force members responding to a perimeter intrusion alarm observed an individual in a prone position outside of the protected area fence. The individual fled when the security force approached.

Action: The licensee notified the sheriff's department. Patrols were increased, and the individual was apprehended within the owner-controlled area. He was charged with trespassing and released on bail.

Resolution: The individual appeared to be intoxicated, was known to local law enforcement personnel, and allegedly had emotional problems in the past. The licensee concluded that no threat existed against the plant.

X-91-27 Date: 03/15/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Operational; Unit 2, Under Construction. Fuel present at site.

Event: Contraband. Prior to protected area entry search, a hunting knife was discovered in plain view in an authorized contractor's vehicle.

Action: The knife was confiscated and turned over to security.

Resolution: The investigation determined that the individual who allegedly made the threat was a JCP&L employee. He and the alleged witnesses were all under the influence of alcohol. The threat could not be confirmed, but could not have been carried out. The JCP&L employee was referred to the employee assistance program for psychological evaluation. He had been in the process of transferring from JCP&L to Oconee, undergoing prescreening and background investigation. Based on his conduct, he was found to be unfit for unescorted access.

X-91-34 Date: 04/05/91 Site: Palisades
 Consumers Power Company
 Van Buren County, MI

Plant Status: Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: Safeguards information. While conducting an update of procedures, security personnel discovered that three pages of safeguards information were missing from a security manual.

Action: An investigation was conducted.

Resolution: The licensee's investigation determined that the missing pages contained obsolete information.

X-91-35 Date: 04/10/91 Site: Wolf Creek
 Kansas Gas and Electric Company
 Coffey County, KS

Plant Status: Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. A safeguards document was discovered missing from a safeguards cabinet.

Action: A copy of the document was reviewed.

Resolution: The licensee determined that the information could not significantly assist an individual in an act of radiological sabotage or theft of special nuclear material.

X-91-36 Date: 04/26/91 Site: Millstone
 Northeast Nuclear Energy Company
 New London County, CT

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Equipment Shutdown; Unit 3, Operational. Fuel present at site.

Source: Licensee

Event: Contraband. A single M-60 (fireworks) was found on the ground inside the protected area by a contractor.

X-91-49 Date: 07/26/91 Site: Millstone
Northeast Nuclear Energy Company
New London County, CT

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Operational; Unit 3,
Equipment Shutdown. Fuel present at site.

Source: Licensee

Event: Contraband. A visitor attempted to bring tear gas into the
protected area.

Action: The visitor was interviewed to determine intent, and the
contraband item was held outside of the protected area.

Resolution: The licensee determined there was no malevolent intent.

X-91-50 Date: 07/31/91 Site: Turkey Point
Florida Power and Light Company
Dade County, FL

Plant Status: Unit 3, Shutdown for Upgrade; Unit 4, Refueling Shutdown. Fuel
present at site.

Source: Licensee

Event: Safeguards information. A drawing containing safeguards
information was reported missing.

Action: The content of the missing drawing was evaluated.

Resolution: The licensee determined the drawing did not contain information
which could significantly assist an individual in gaining
unauthorized or undetected access or aid in an act of
radiological sabotage.

X-91-51 Date: 08/20/91 Site: Limerick
Philadelphia Electric Company
Montgomery County, PA

Plant Status: Units 1 and 2, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. Properly packaged safeguard documents
were lost in the company mail.

Action: A search was conducted with negative results.

Resolution: The licensee determined the documents did not contain information
to assist an individual in gaining unauthorized or undetected
access or aid in an act of radiological sabotage.

X-91-52 Date: 08/27/91 Site: Perry
Cleveland Electric Illuminating Company
Lake County, OH

Plant Status: Unit 1, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. A clerk in drawing control reported that a safeguard drawing was unaccounted for.

Action: An investigation was conducted.

Resolution: The investigation determined the drawing was one of a set of 30 and could not assist an individual in an act of radiological sabotage or theft of special nuclear material.

X-91-53 Date: 10/01/91 Site: Comanche Peak
Texas Utilities Generating Company
Somervell County, TX

Plant Status: Unit 1, Refueling Shutdown; Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: Contraband. A hunting knife was detected in a licensee employee's lunch box during protected area entry search.

Action: The contraband was confiscated, and the individual was denied entry pending an investigation.

Resolution: The investigation determined the individual brought the knife to the plant for sharpening. The licensee determined there was no malevolent intent, and the individual was granted access. The knife was returned to him when he left the site.

X-91-54 Date: 10/16/91 Site: Washington Nuclear
Washington Public Power Supply System
Benton County, WA

Plant Status: Unit 2, Operational. Fuel present at site.

Source: Licensee

Event: Safeguards information. A document containing safeguards information was reported missing.

Action: The licensee conducted a review of the information contained in the missing document.

Resolution: The licensee determined the unaccounted for material could not assist a person in performing an act of radiological sabotage.

Resolution: The investigation revealed that the writer was a 62-year-old man with a past history of letter writing to various government agencies and organizations while confined to a nursing home. The licensee determined the threat was noncredible.

X-91-58 Date: 12/13/91 Site: Dresden
 Commonwealth Edison Company
 Grundy County, IL

Plant Status: Unit 2, Equipment Shutdown; Unit 3, Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: Safeguards information. One page of a document containing safeguards information was reported missing during a quarterly inventory of a safeguards cabinet.

Action: Security personnel were notified.

Resolution: The licensee determined that the one page in itself could not be used in any way to compromise safeguards.

X-91-59 Date: 12/17/91 Site: Surry
 Virginia Electric Power Company
 Surry County, VA

Plant Status: Unit 1, Operational; Unit 2, Equipment Shutdown. Fuel present at site.

Source: Licensee

Event: Security officer arrested. A member of the security force was involved in a marital dispute and arrested off-site for two counts of aggravated assault and possession of a firearm.

Action: The individual's access was immediately suspended.

Resolution: The security officer's employment was terminated.

X-91-60 Date: 12/17/91 Site: Wolf Creek
 Kansas Gas and Electric Company
 Coffey County, KS

Plant Status: Refueling Shutdown. Fuel present at site.

Source: Licensee

Event: Safeguards information. A document was discovered missing during an audit of the contents of a cabinet containing safeguards information.

Action: A copy of the missing document was reviewed.

Resolution: The licensee determined that the information contained in the missing document could not significantly assist an individual in an act of radiological sabotage or theft of special nuclear material.

APPENDIX A - STATISTICS

This appendix contains a series of graphs developed from events reported during a sixteen year period (1976 through 1991). Note that the yearly statistics have been changed to reflect the deletion of drug and alcohol events (a fitness for duty but not a safeguards issue) which will not be reported in NUREG-0525, the Safeguards Summary Event List.

Figure 1 reflects the numerical distribution by year and category of the 1450 events reported. After a roughly 151% increase in event reporting between 1978 and 1979 (the result of a change in reporting requirements, an increase in events reported following the TMI March 1979 occurrence, and contentious licensing hearings), totals reported by year declined somewhat and remained relatively stable until 1986 (97) which experienced a 45% increase over 1985 (67). Events reported remained stable in 1987, increased in 1988 (137) and 1989 (148), declined by 30% in 1990 (104) from 1989, but events reported in 1991 (152) increased 46%. The increase in events reported in the late 1980's and 1990 occurred primarily in the firearms category. Of the 104 events reported for 1990, 72 (69%) were firearms-related events; however, firearms events reported for 1991 (58) reflect a drop of 19%. This decrease in reported firearms events has been offset by an increase in bomb threats and miscellaneous threats reported in the first few months of 1991 during the Persian Gulf crises, as well as an increase in events involving safeguards information and contraband other than firearms.

Figure 2 shows the number of safeguards events (1365) that have occurred at reactors. Although there was a slight increase of 11% in events reported in 1989 (142) over 1988 (128), and a decline of 29% in 1990 (101) from 1989, there has been an increase of 49% in 1991 (150) for the reasons stated in Figure 1.

Figure 3 shows event activity for nonreactor facilities. After declining 33% in 1989 (6) from 1988 (9), there was a further decline of 50% in 1990 (3) from 1989, and a decline of 33% in 1991 (2). This category includes events which have occurred at fuel facilities (66 1976-1990) as well as events which are included because of public interest (19 1976-1991), but which occurred at facilities or activities that are not safeguarded under NRC regulations. The two events reported in 1991 occurred at nonregulated facilities. Total numbers are too small for valid analytic attribution.

Figure 4 shows the trend in nonbomb-related safeguards events. After a marked increase of 67% in 1988 (100) over 1987 (60), there was an moderate increase of 23% in 1989 (123) over 1988, a decline of 24% in 1990 (93) from 1989. Of the 93 events in 1990, 72 (77%) were firearms-related. However, 1991 (120) increased by 29% over 1990, again, for the reasons stated in Figure 1.

Figure 5 shows the frequency of reactor safeguards events, excluding bomb hoaxes/devices, which is usually sensitive to the increase in the number of facilities. After rising steadily from 1983 (15) to 1989 (118), this category of events fell 24% in 1990 (90) from 1989, but increased by 31% in 1991 (118) due to the increase in the miscellaneous category of events which includes the reported loss of safeguards information, attempted introduction of contraband, etc.

Figure 6 and 7 display the events by categories and reveal a substantial change in percentage of distribution of events in several categories: Bomb Threats (21.1% in 1991 vs. 10.6% in 1990 and 45.3% over a sixteen year period from 1976 through 1991); Firearms (38.2% in 1991 vs. 69.2% in 1990 and 24.3% 1976-1991); and Miscellaneous (39.5% in 1991 vs. 17.3% in 1990 and 15.6% 1976-1991).

Figures 8-15 display individual event categories across the years 1976-1990.

Figure 8 shows the number of bomb-related incidents over the 16-year period. Bomb threats, which have declined considerably after reaching a peak of 94 in 1979, have reached an all-time low in 1990 (11), a 56% drop from 1989 (25). Of the 11 events, 4 occurred at one facility granted full power license in March 1990. However, there was an 191% increase in 1991 (32) over 1990; 16 (50%) of the 32 were received during January and February and may be attributed to the crisis in the Persian Gulf.

Figure 9 plots the number of intrusion events which have occurred. With the exception of 1980 (14), there have been relatively few intrusion events. There were no intrusion events in 1983 and none for the period 1986 through 1991.

Figure 10 presents the missing and stolen events involving safeguarded material, ranging from 1 to 4 events per year, with none reported for 1976, 1977, 1984, 1990, and 1991.

Figure 11 covers the few transportation events involving safeguarded material. Totals range from 1 to 3 per year, with none reported for 1978, 1981, 1982, 1984, 1985, 1989, and 1991. Note that to avoid double counting, events which were cross referenced in the transportation category have not been included.

Figure 12 depicts the tampering and vandalism events. This class of events has been relatively stable even though there has been an increase in the number of regulated facilities. The number of events is too small for meaningful analysis. There was an increase of 86% in 1989 (13) vs. 1988 (7), a decline of 85% in 1990 (2) from 1989, and no change in 1991 (2) over 1990.

Figure 13 shows the small number of arson events with none reported for 1976, 1977, 1979, and for the period 1988 through 1991.

Figure 14 displays the number of firearms-related events that have occurred at all facilities. After rising steadily, increasing by 100% in 1988 (56) vs. 1987 (28), by 7% in 1989 (60) over 1988 and 20% in 1990 (72) from 1989; there was a decline of 19% in 1991 (58). It should be noted that from 1987 to date, there has been an increase in events reported involving ammunition detection (no weapon involved); e.g., of the 72 firearms-related events reported for 1990, 43 (60%) involved weapons and 29 (40%) to ammunition only, and in 1991, 31 (53%) involved weapons and 27 (47%) ammunition only. The decrease in firearms events reported in 1991 may be attributed to the licensees diligence in making both employees and visitors more aware of the rules governing nuclear power plant entry.

Figure 15 plots the miscellaneous events reported. This category includes not only safeguard events which do not properly fit into any of the categories defined in the document, but also covers events which involve persons or materials not subject to NRC safeguards regulations, but which are of interest to the Commission, the industry, and the public. There was a rise of 129% in 1988 (2) over 1987 (14), a rise of 47% in 1989 (47) over 1988, a decline of 62% in 1990 (18) from 1989, but a marked increase of 233% in 1991 (60). Of the 60 events reported, 19 (32%) related to safeguards information, 14 (23%) to general threats (nonbomb), and 11 (18%) to the attempted introduction of contraband other than firearms. Once again, significant numbers of events occurred in January and February and may be attributed to the Persian Gulf crisis.

Fig 16 depicts the number of reactors operating for the period 1976-1991 by NRC Region. As of the end of 1991, there were 111 power reactors licensed to operate: Region 1, 30 (27%); Region 2, 33 (30%); Region 3, 28 (25%); Region 4, 10 (9%); and Region 5, 10, (9%).

SAFEGUARDS EVENTS (1450)

1976 - 1991

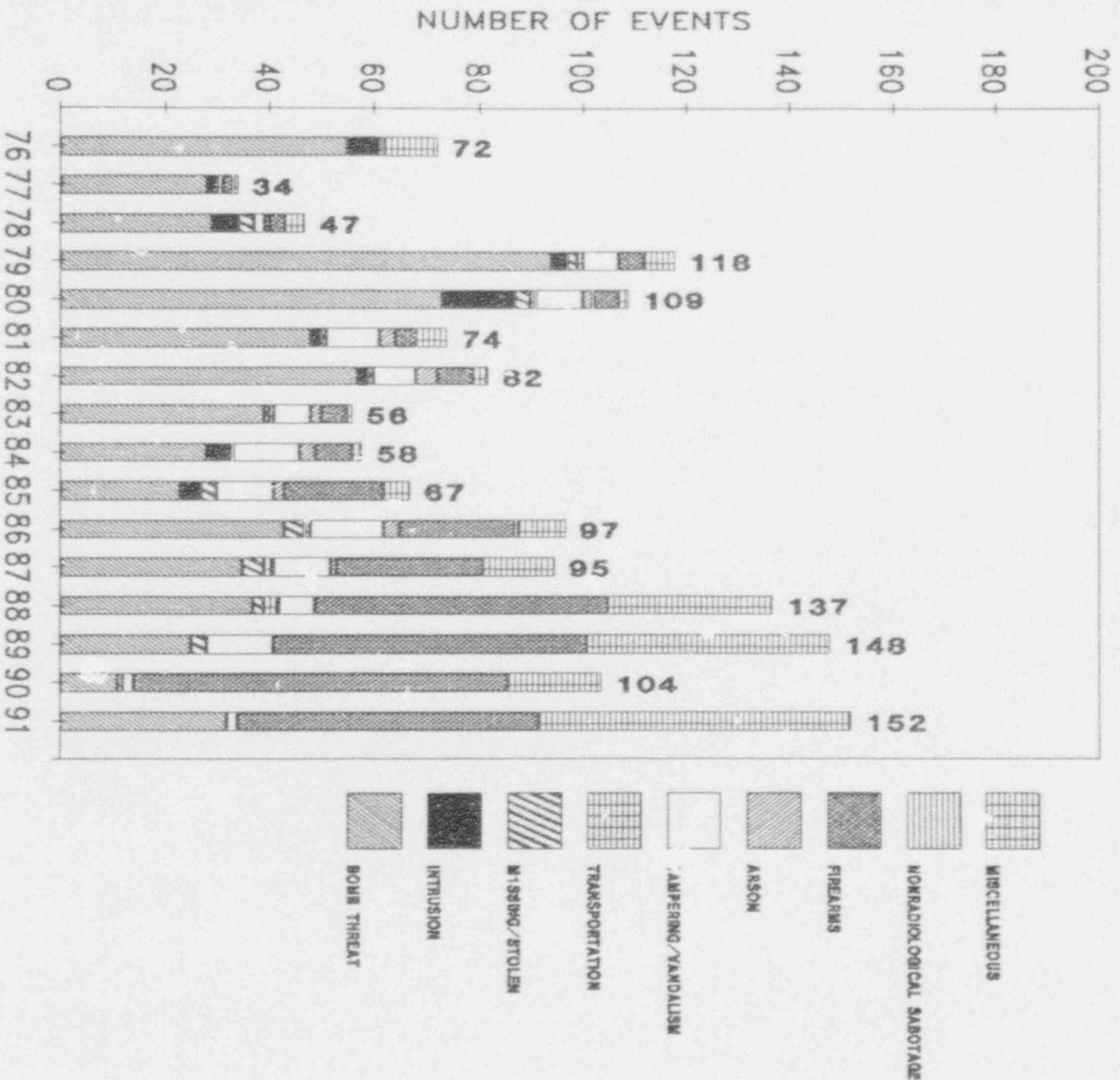


FIGURE 1

REACTOR SAFEGUARDS EVENTS (1365) 1976 - 1991

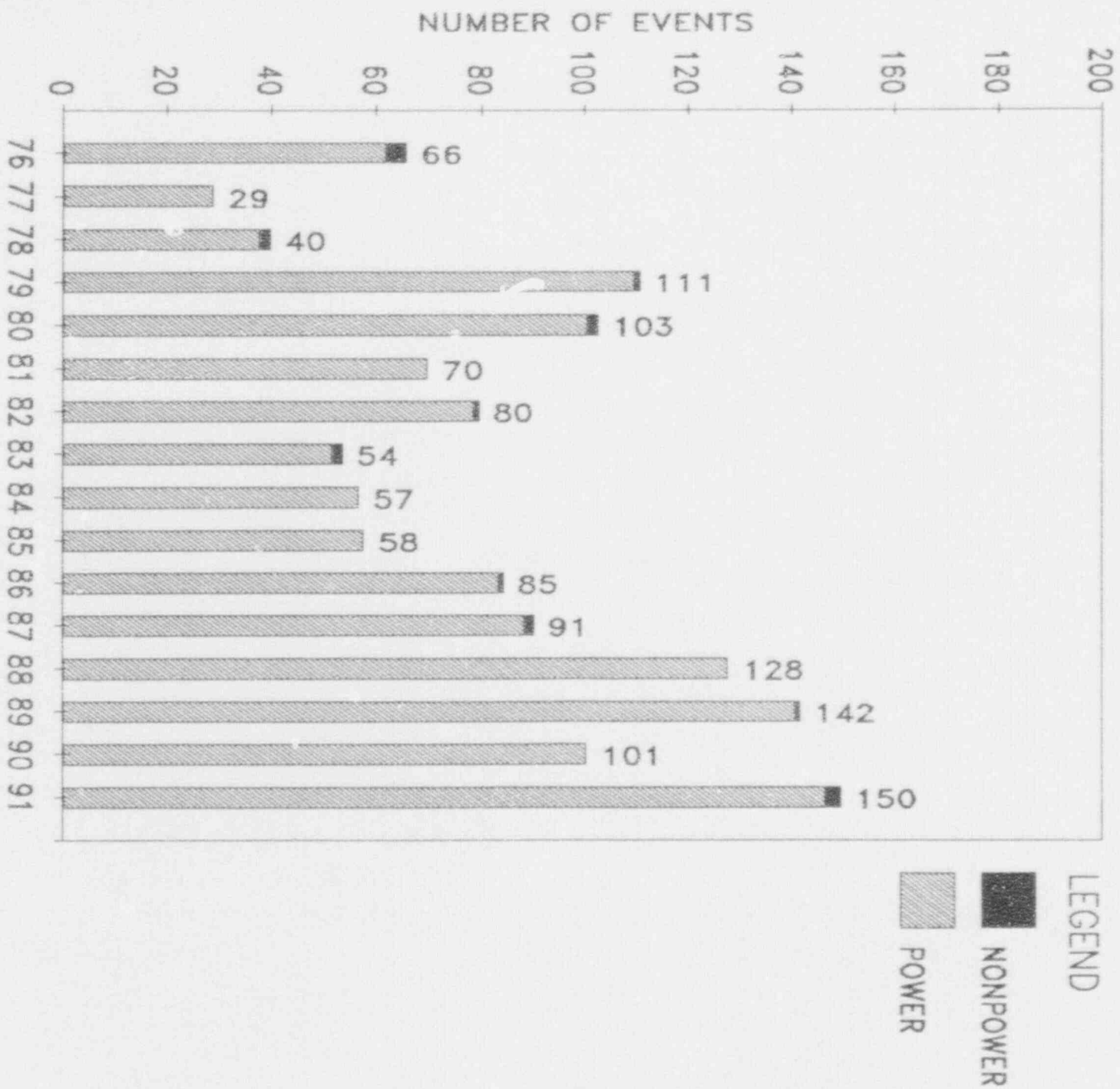
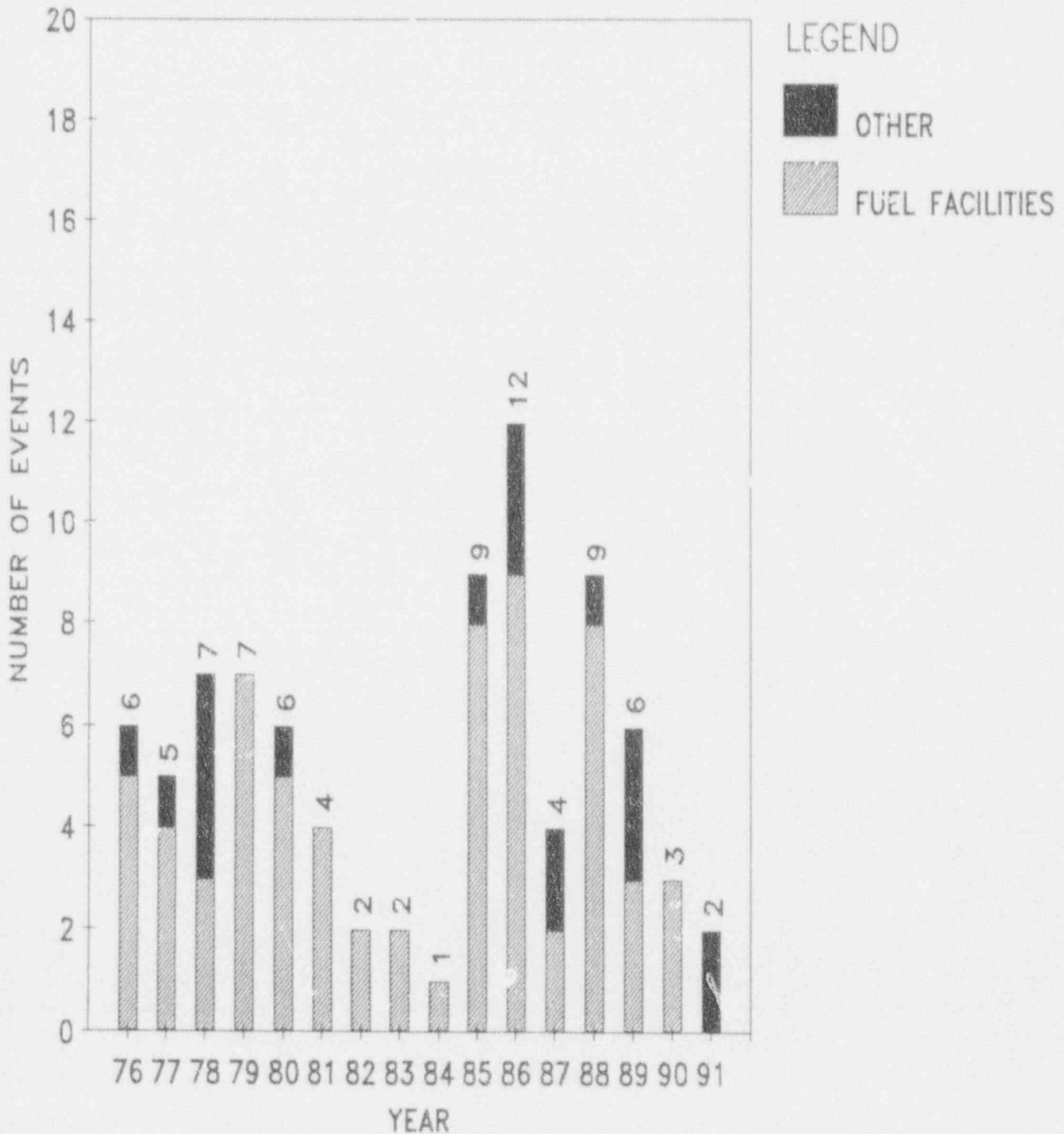


FIGURE 2

NONREACTOR SAFEGUARDS EVENTS (85) 1976 - 1991



YEAR
FIGURE 3

SG EVENTS (793) EXCLUDING BOMB-RELATED EVENTS 1976 - 1991

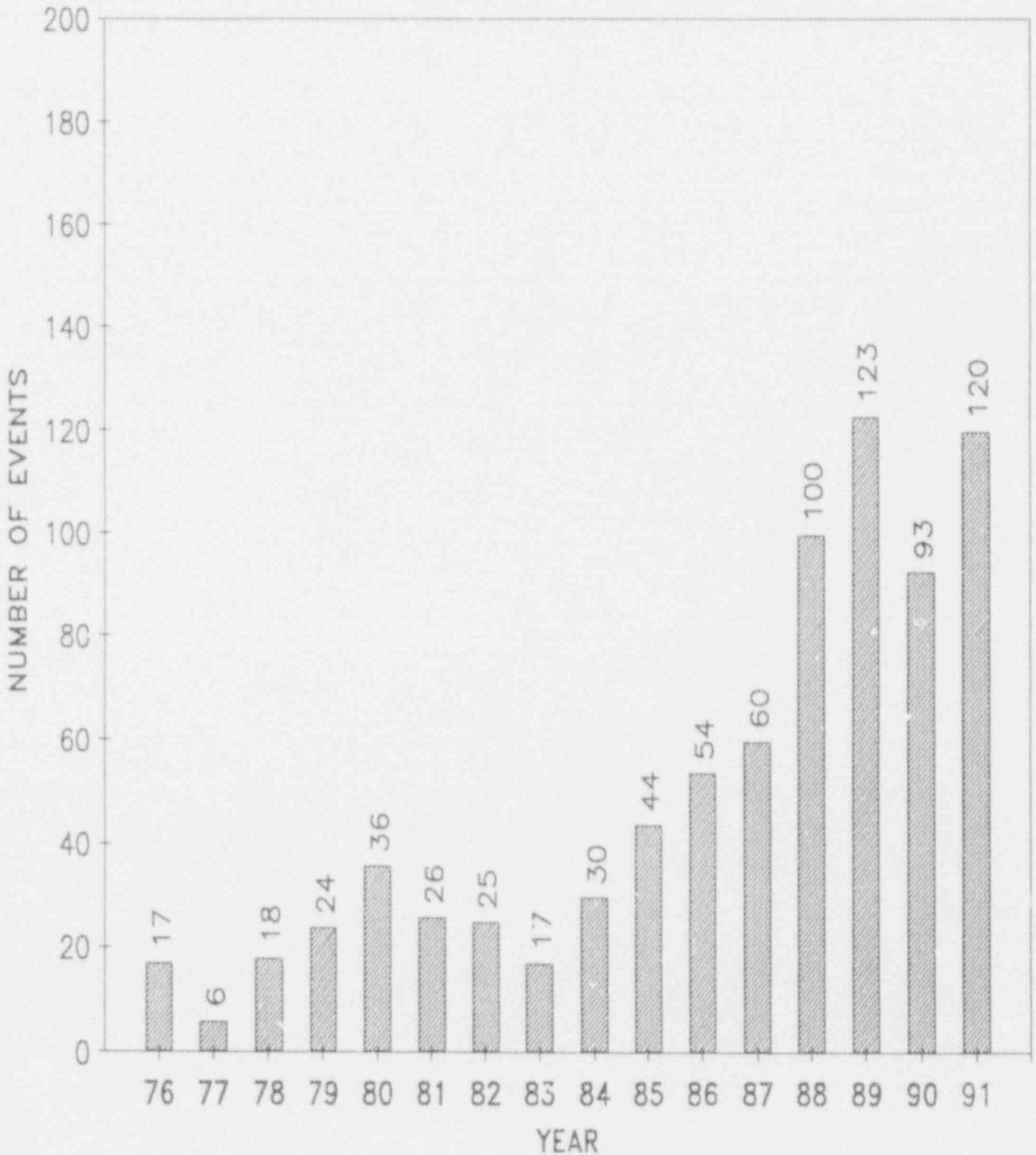


FIGURE 4

REACTOR SG EVENTS (732) EXCLUDING BOMB-RELATED EVENTS 1976 - 1991

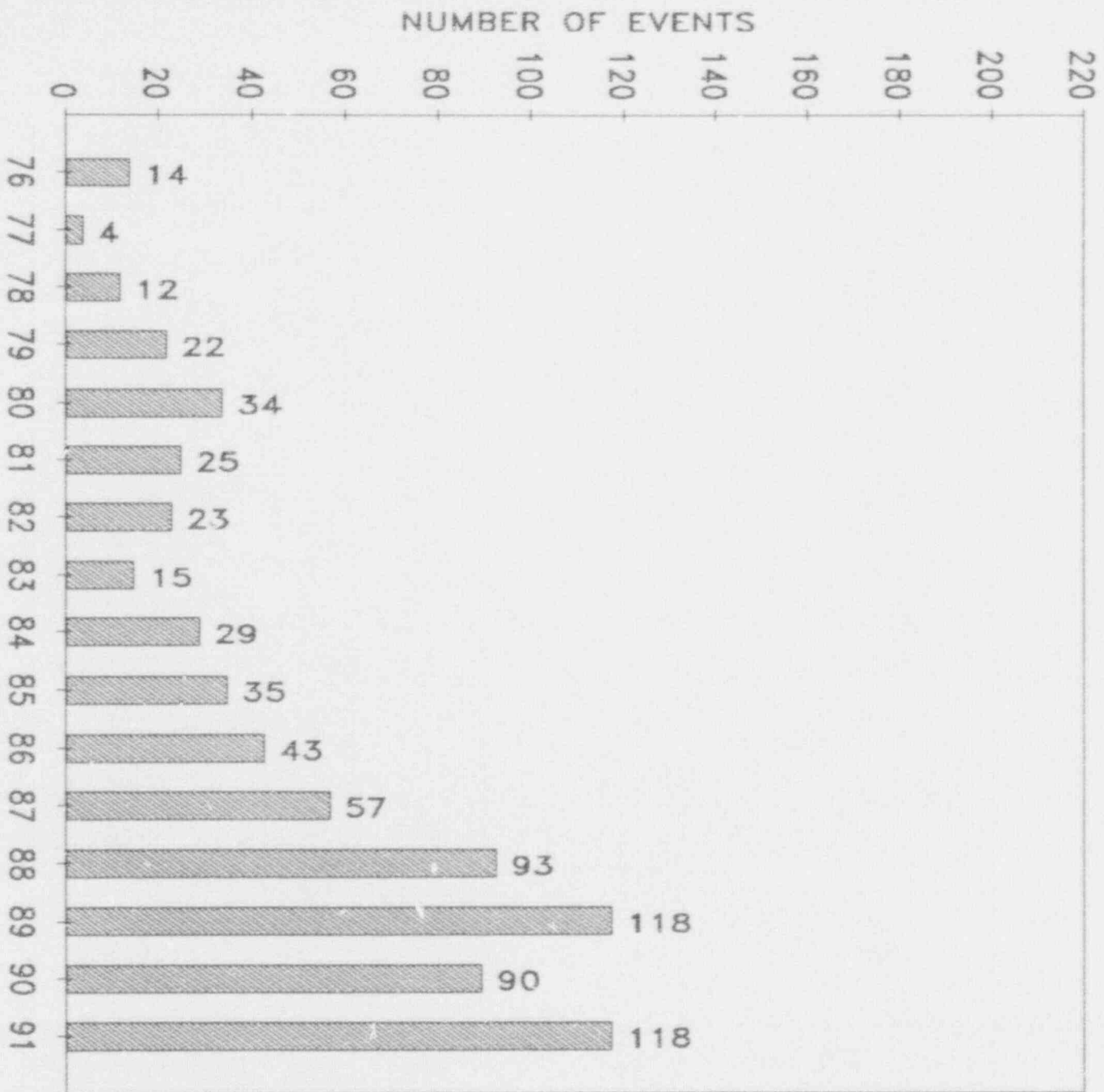
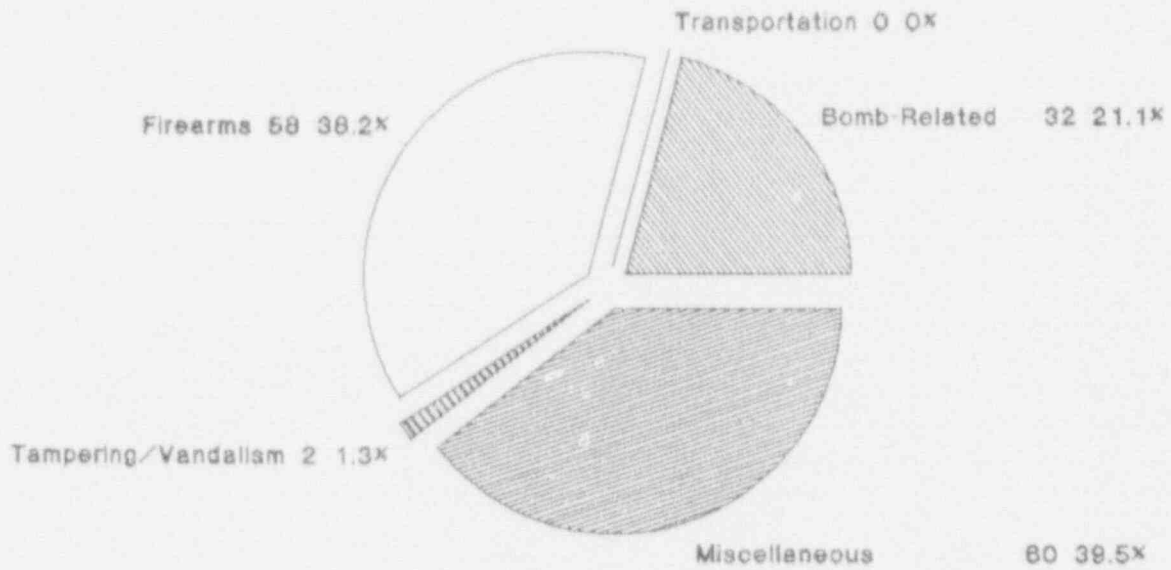


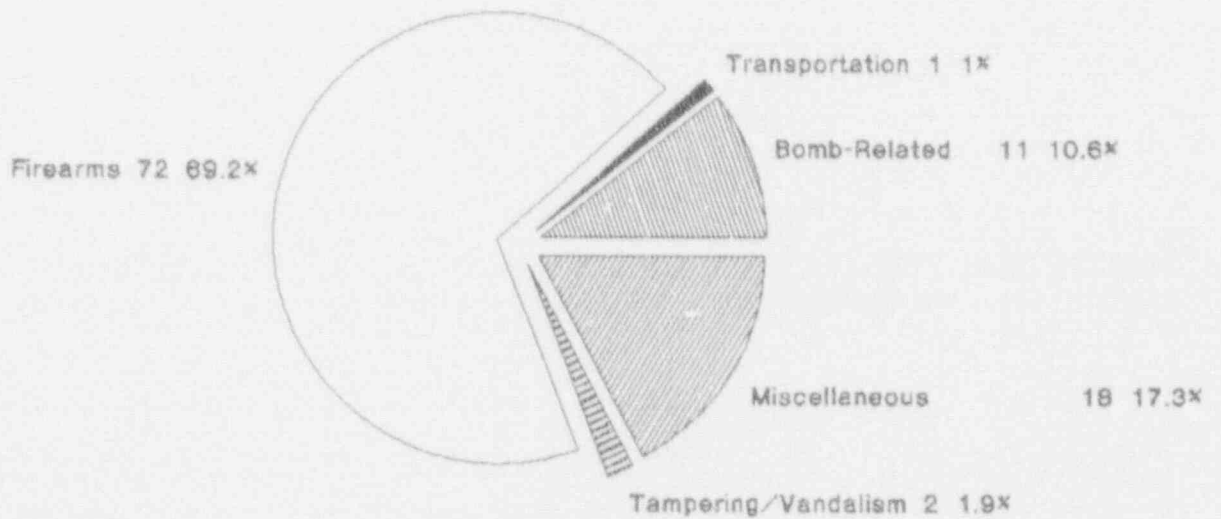
FIGURE 5

SAFEGUARDS EVENTS BY CATEGORY

1991 (152) VS. 1990 (104)



1991



1990

FIGURE 6

SAFEGUARD EVENTS (1450) BY CATEGORY 1976 - 1991

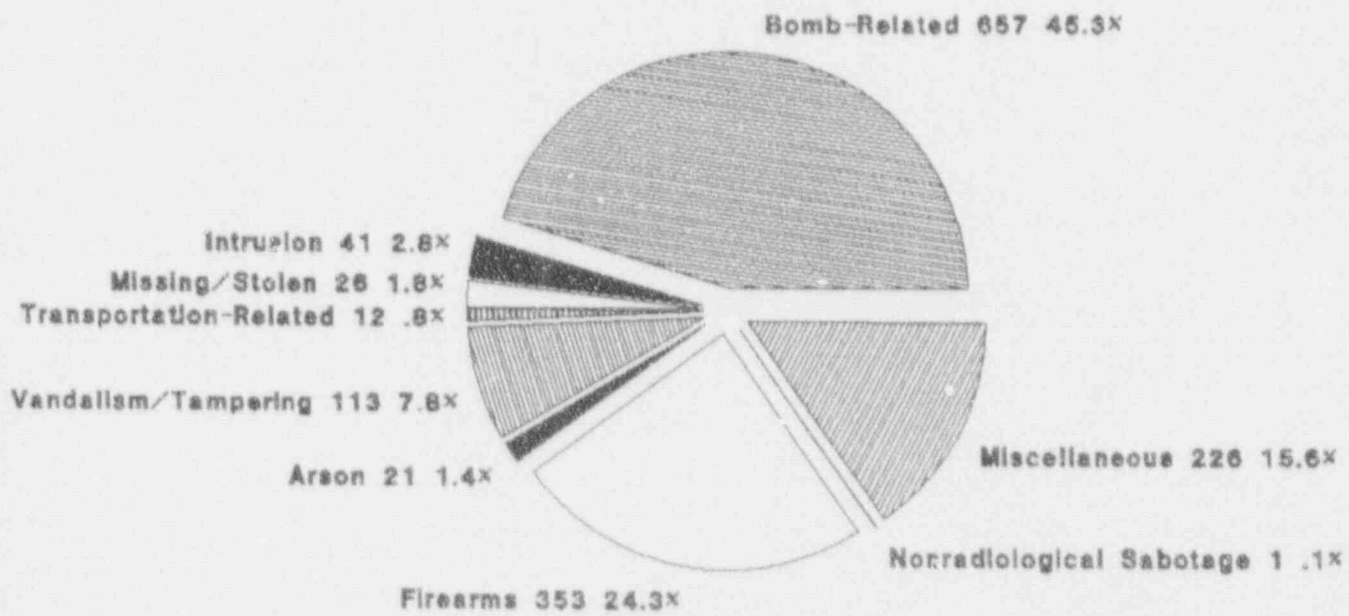


FIGURE 7

BOMB-RELATED EVENTS (657) 1976 - 1991

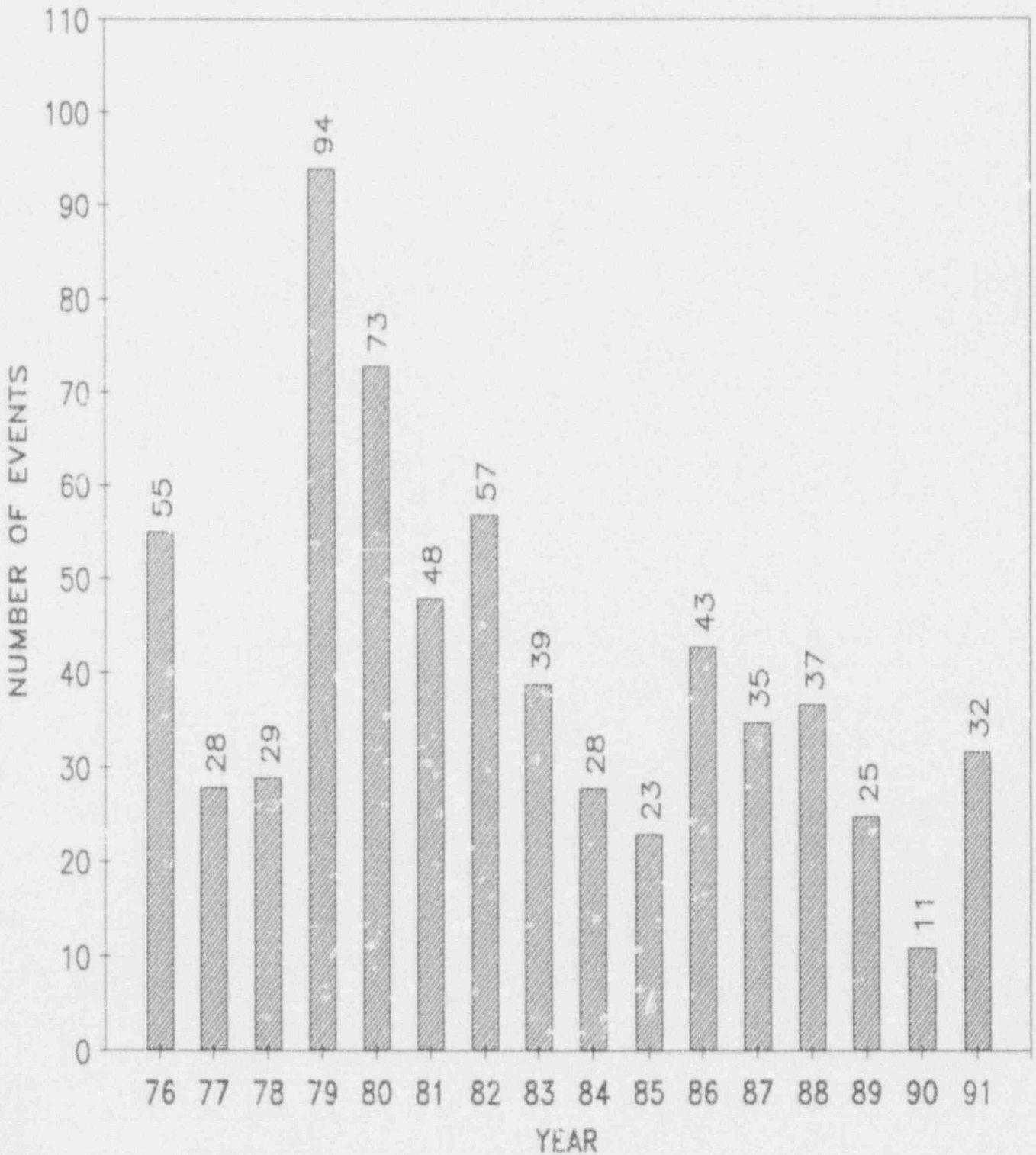


FIGURE 8

INTRUSION EVENTS (41) 1976 - 1991

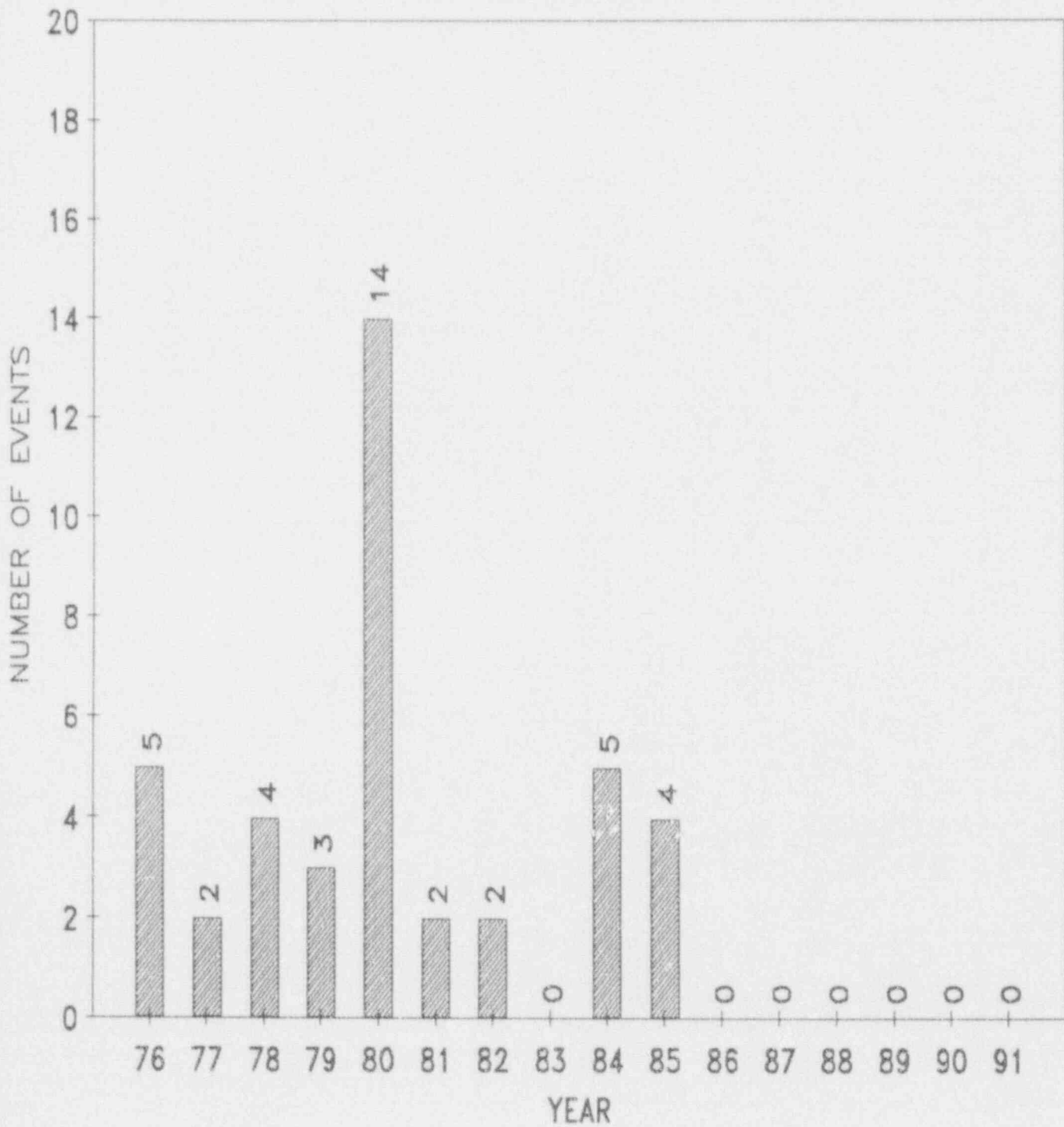


FIGURE 9

All Reactor Except: 1 Nonpower 1979; 1 Fuel Facility 1985

MISSING/STOLEN EVENTS (26) 1976 - 1991

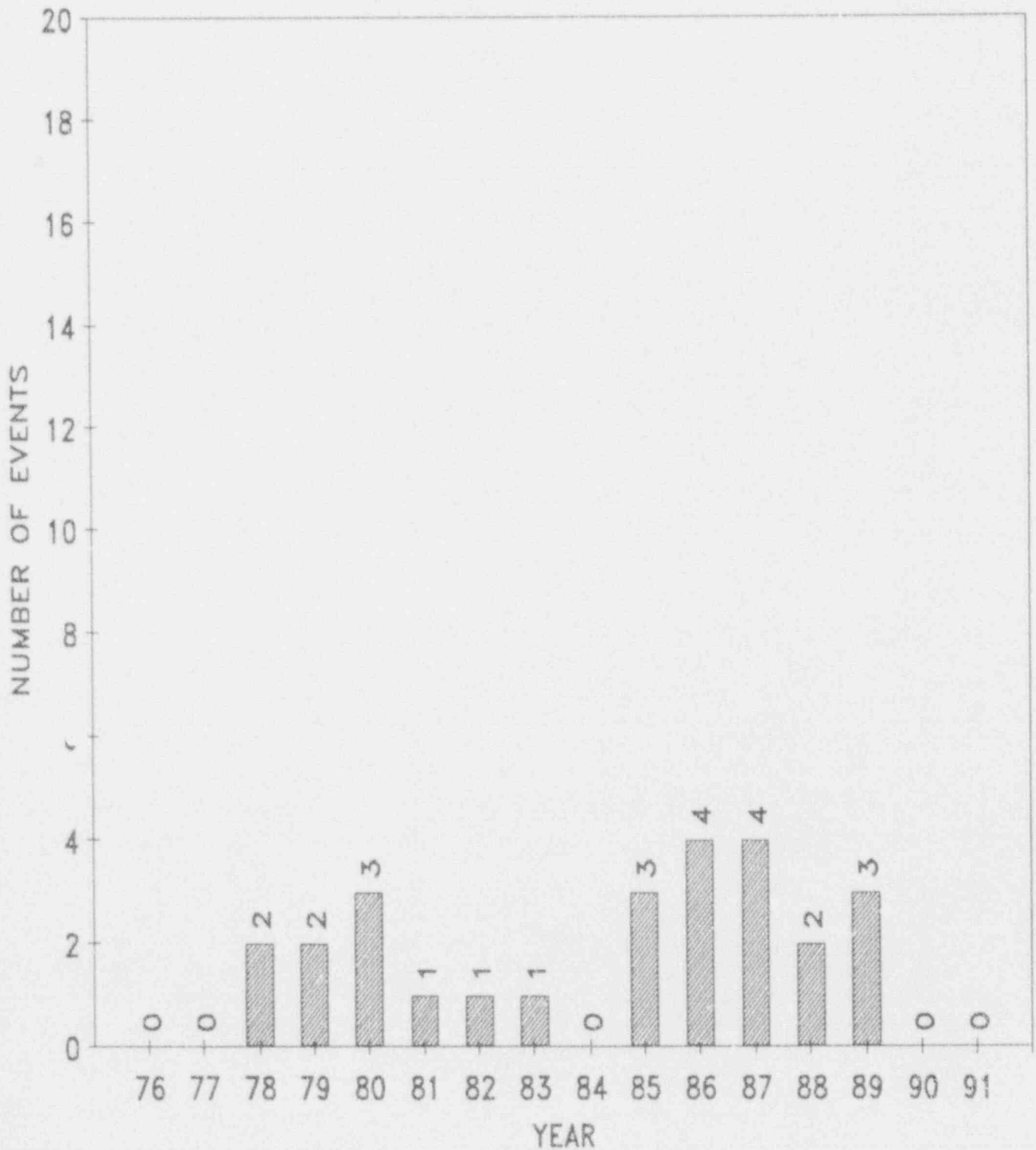


FIGURE 10

TRANSPORTATION EVENTS (12) 1976 - 1991

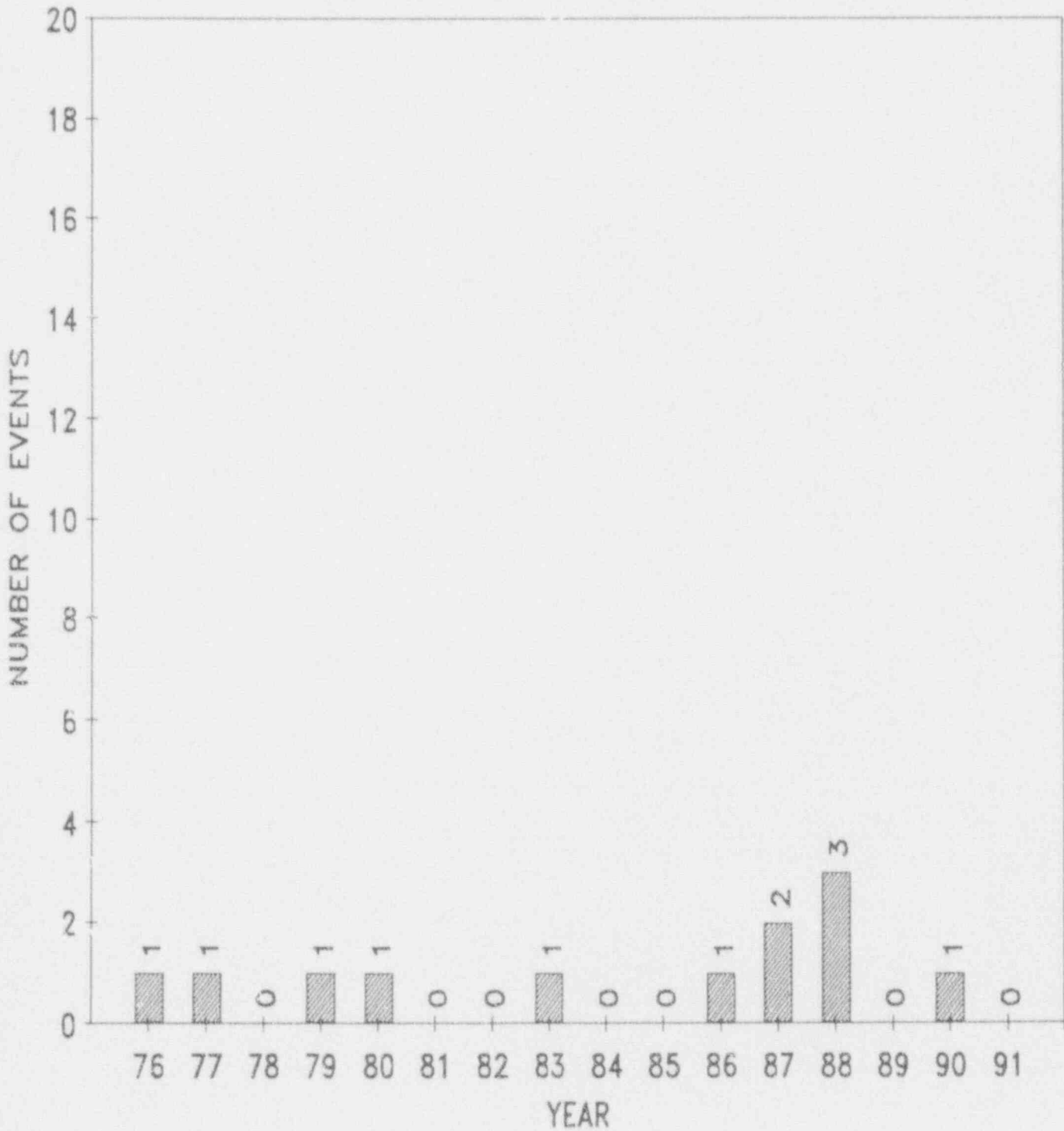


FIGURE 11

(Cross-Referenced Events Not Included)

TAMPERING/VANDALISM EVENTS (113) 1976 - 1991

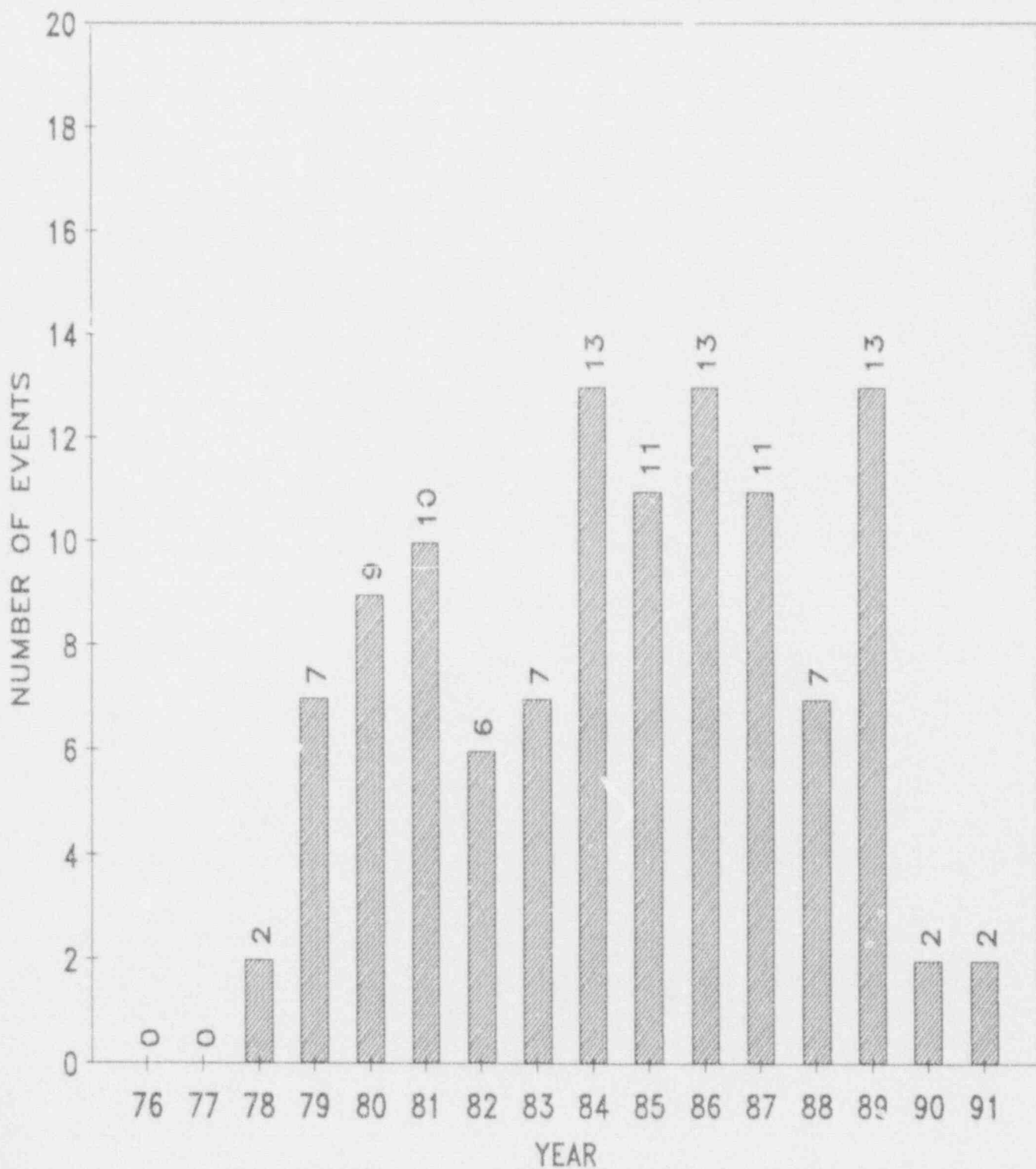


FIGURE 12

ARSON EVENTS (21) 1976 - 1991

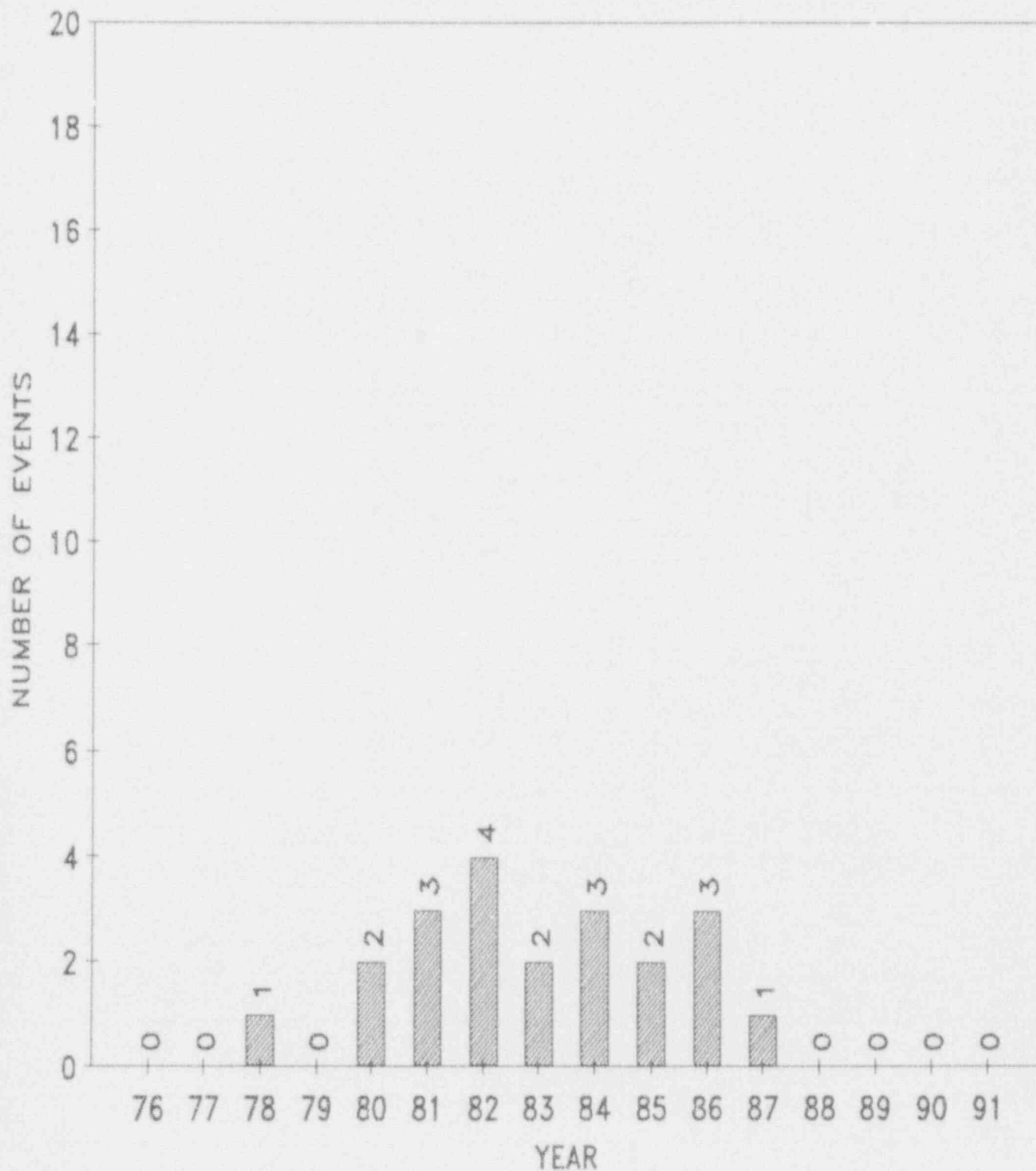


FIGURE 13

FIREARMS EVENTS (353) 1976 - 1991

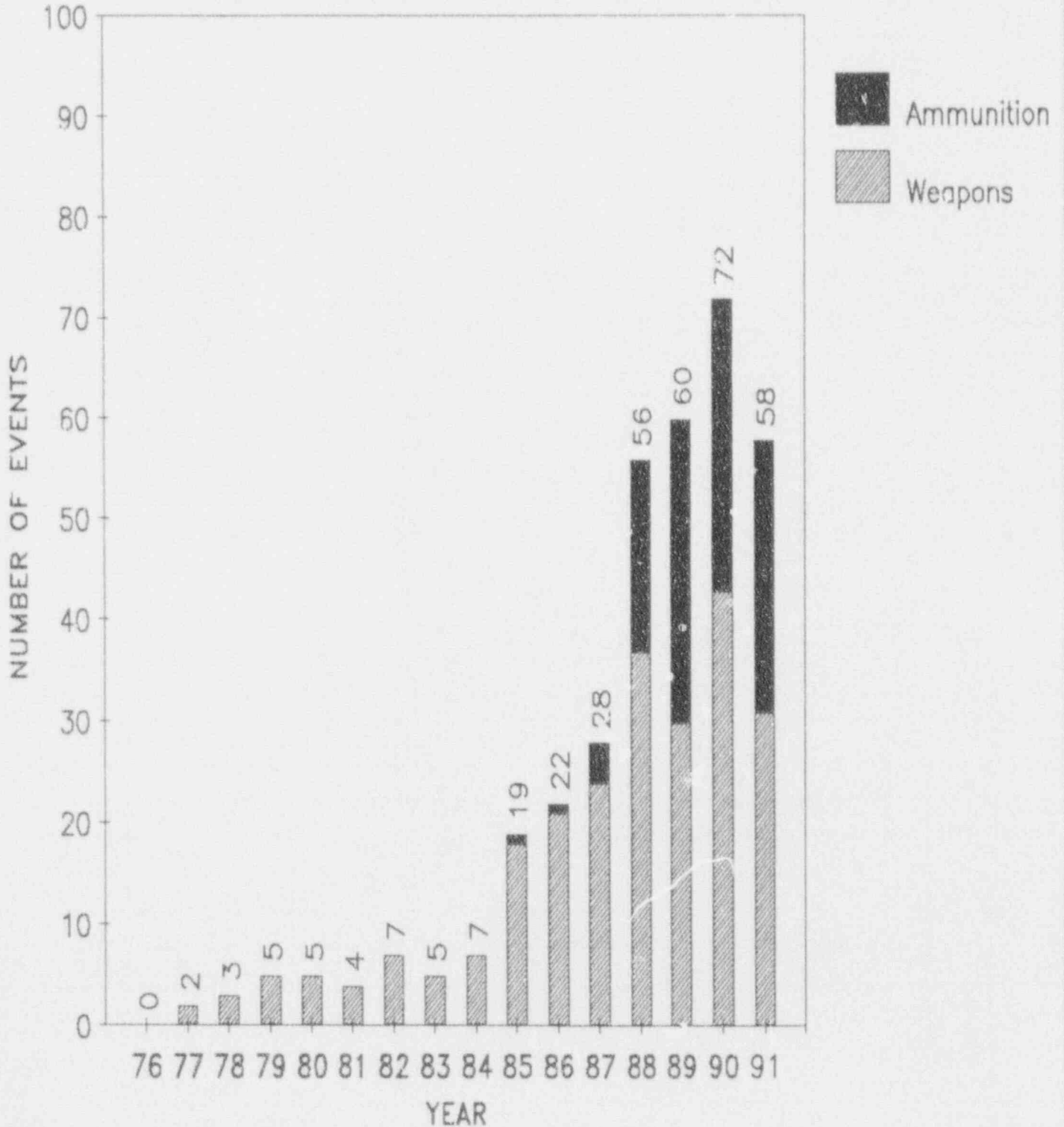


FIGURE 14

MISCELLANEOUS EVENTS (226)

1976 - 1991

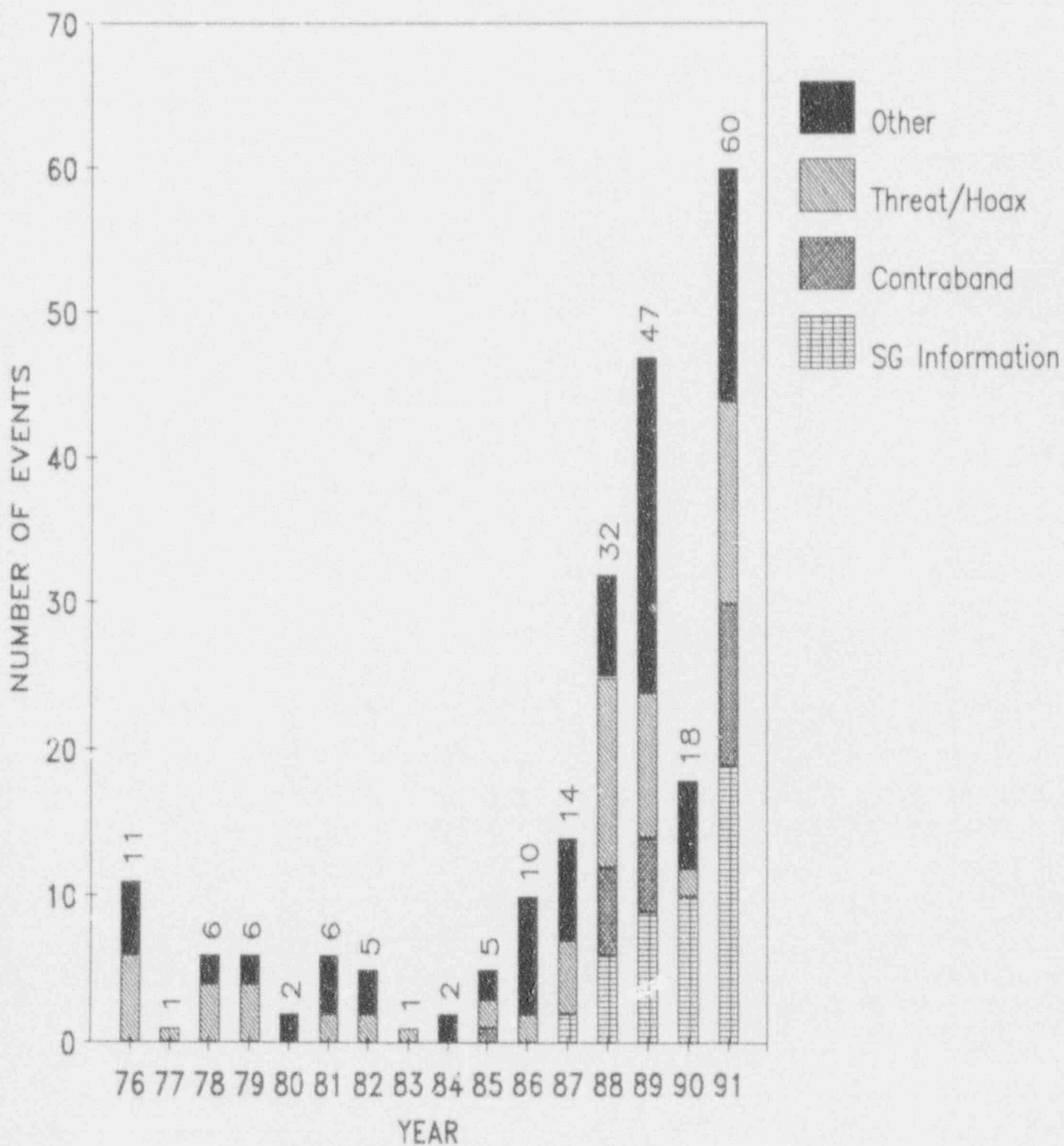


FIGURE 15

U.S. COMMERCIAL POWER REACTORS LICENSED TO OPERATE 111 - END OF 1991

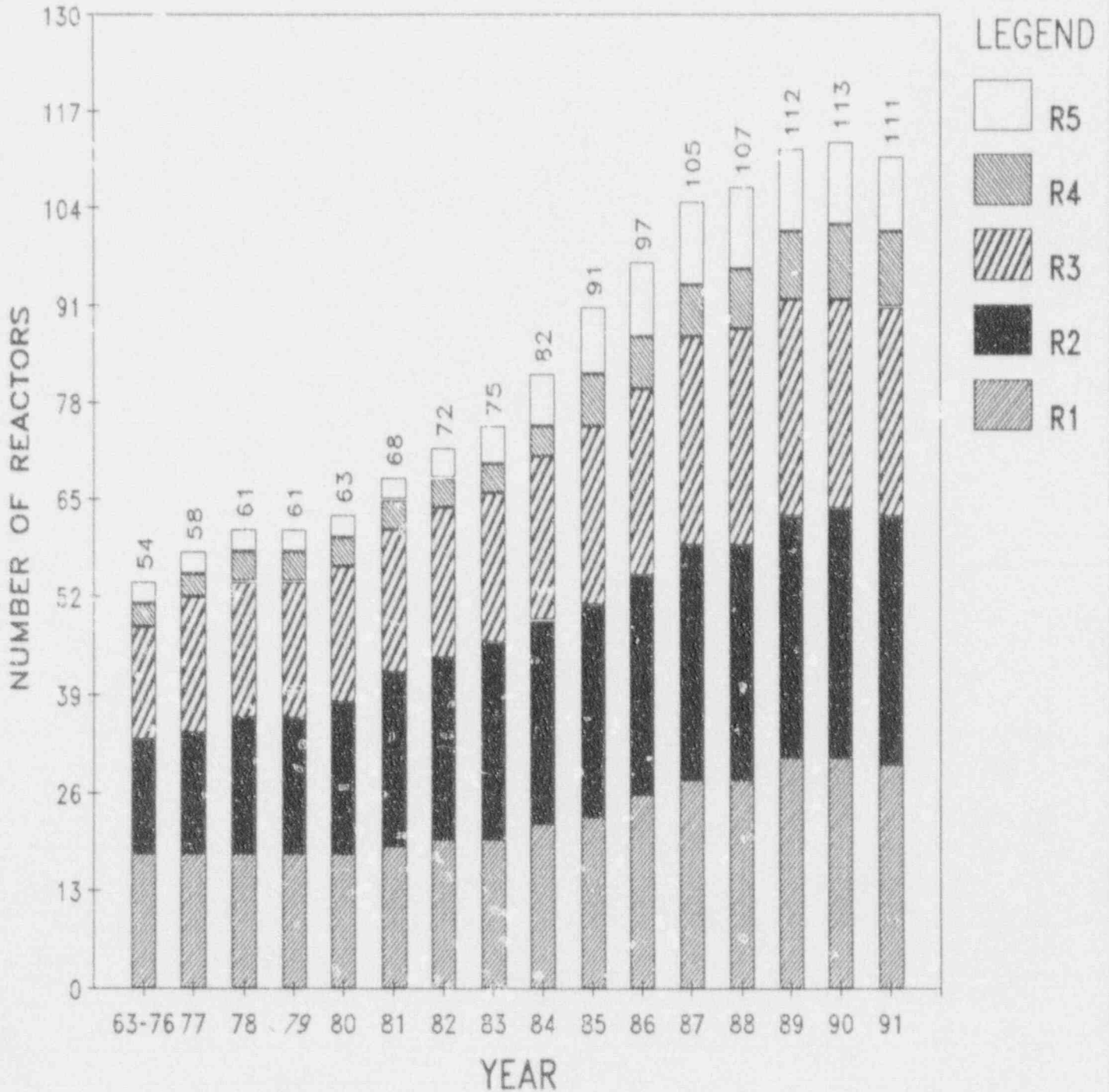


FIGURE 16

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

Babcock and Wilcox Company			16
III-85-01	Date: 04/17/85	Site: Babcock and Wilcox Company (Alliance)	
Babcock and Wilcox Company (Alliance)			1
X-76-09	Date: 08/04/76	Site: Babcock and Wilcox Company (Appolo)	
Babcock and Wilcox Company (Appolo)			1
IB-73-04	Date: 05/08/73	Site: Babcock and Wilcox Company (all plants)	
Babcock and Wilcox Company (all plants)			1
III-68-03	Date: 06/24/68-	Site: Battelle Memorial Institute	
Battelle Memorial Institute			1
IB-72-04	Date: 04/00/72	Site: Beaver Valley	
IB-72-09	Date: 05/12/72	Site: Beaver Valley	
IB-76-33	Date: 07/16/76	Site: Beaver Valley	
IB-78-15	Date: 08/04/78	Site: Beaver Valley	
IB-80-27	Date: 05/02/80	Site: Beaver Valley	
II-80-06	Date: 06/25/80	Site: Beaver Valley	
VII-80-04	Date: 10/17/80	Site: Beaver Valley	
II-80-13	Date: 10/27/80	Site: Beaver Valley	
V-81-05	Date: 06/06/81	Site: Beaver Valley	
VII-81-02	Date: 07/08/81	Site: Beaver Valley	
VII-81-03	Date: 08/15/81	Site: Beaver Valley	
V-83-02	Date: 06/15/83	Site: Beaver Valley	
VII-86-09	Date: 04/09/86	Site: Beaver Valley	
IB-86-32	Date: 09/11/86	Site: Beaver Valley	
IB-86-34	Date: 09/26/86	Site: Beaver Valley	
V-86-13	Date: 12/18/86	Site: Beaver Valley	
IB-87-03	Date: 02/06/87	Site: Beaver Valley	
IB-87-10	Date: 03/19/87	Site: Beaver Valley	
X-88-03	Date: 07/23/88	Site: Beaver Valley	
X-88-07	Date: 03/19/88	Site: Beaver Valley	
X-90-01	Date: 01/03/90	Site: Beaver Valley	
VII-90-50	Date: 09/28/90	Site: Beaver Valley	
VII-91-01	Date: 01/02/91	Site: Beaver Valley	
Beaver Valley			23
IB-81-20	Date: 04/10/81	Site: Bellefonte	
IB-81-28	Date: 07/17/81	Site: Bellefonte	
IB-81-38	Date: 10/06/81	Site: Bellefonte	
IB-81-41	Date: 11/30/81	Site: Bellefonte	
IB-81-44	Date: 12/01/81	Site: Bellefonte	
IB-82-29	Date: 05/26/82	Site: Bellefonte	
IA-82-01	Date: 05/26/82	Site: Bellefonte	
IB-83-31	Date: 10/12/83	Site: Bellefonte	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

Bellefonte 8
 V-87-01 Date: 01/01/87- Site: Big Rock Point
 III-88-01 Date: 07/15/88 Site: Big Rock Point

Big Rock Point 2

IB-77-19 Date: 08/15/77 Site: Braidwood
 IB-77-27 Date: 12/23/77 Site: Braidwood
 V-85-02 Date: 05/14/85 Site: Braidwood
 V-85-04 Date: 05/25/85 Site: Braidwood
 VI-85-02 Date: 05/29/85 Site: Braidwood
 IB-85-22 Date: 11/01/85 Site: Braidwood
 IB-86-39 Date: 11/01/86 Site: Braidwood
 VII-87-04 Date: 04/09/87 Site: Braidwood
 X-88-05 Date: 03/03/88 Site: Braidwood
 X-88-28 Date: 09/30/88 Site: Braidwood
 X-89-04 Date: 02/05/89 Site: Braidwood
 X-89-07 Date: 02/27/89 Site: Braidwood
 VII-90-24 Date: 03/26/90 Site: Braidwood
 VII-90-70 Date: 12/06/90 Site: Braidwood
 VII-91-14 Date: 04/23/91 Site: Braidwood
 VII-91-22 Date: 06/03/91 Site: Braidwood

Braidwood 16

IB-79-02 Date: 01/11/79 Site: Browns Ferry
 VII-80-02 Date: 02/00/80 Site: Browns Ferry
 V-80-02 Date: 02/00/80 Site: Browns Ferry
 II-80-09 Date: 07/11/80 Site: Browns Ferry
 IB-80-47 Date: 07/22/80 Site: Browns Ferry
 IB-80-57 Date: 09/05/80 Site: Browns Ferry
 V-80-09 Date: 10/01/80 Site: Browns Ferry
 IB-81-46 Date: 12/06/81 Site: Browns Ferry
 II-84-03 Date: 05/22/84 Site: Browns Ferry
 IB-86-11 Date: 04/18/86 Site: Browns Ferry
 IB-86-29 Date: 09/03/86 Site: Browns Ferry
 III-86-03 Date: 10/17/86 Site: Browns Ferry
 VI-87-01 Date: 11/02/87 Site: Browns Ferry
 X-87-13 Date: 12/05/87 Site: Browns Ferry
 IB-88-09 Date: 03/13/88 Site: Browns Ferry
 IB-91-06 Date: 01/23/91 Site: Browns Ferry
 IB-91-30 Date: 12/01/91 Site: Browns Ferry
 IB-91-31 Date: 12/26/91 Site: Browns Ferry
 IB-91-32 Date: 12/27/91 Site: Browns Ferry

Browns Ferry 19

IB-74-18 Date: 09/07/74 Site: Brunswick
 IB-75-12 Date: 07/14/75 Site: Brunswick
 IB-75-19 Date: 09/23/75 Site: Brunswick
 IB-76-09 Date: 03/05/76 Site: Brunswick

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

III-80-01	Date: 04/00/80	Site: Brunswick
IB-80-70	Date: 11/28/80	Site: Brunswick
IB-81-14	Date: 03/12/81	Site: Brunswick
V-81-04	Date: 05/18/81	Site: Brunswick
IB-81-36	Date: 09/25/81	Site: Brunswick
IB-82-04	Date: 03/19/82	Site: Brunswick
IB-82-06	Date: 05/23/82	Site: Brunswick
V-82-03	Date: 05/14/82	Site: Brunswick
VII-88-49	Date: 11/28/88	Site: Brunswick
V-89-06	Date: 04/25/89	Site: Brunswick
VII-90-12	Date: 02/17/90	Site: Brunswick
VII-90-42	Date: 08/01/90	Site: Brunswick
IB-91-02	Date: 01/15/91	Site: Brunswick
IB-91-04	Date: 01/17/91	Site: Brunswick
IB-91-18	Date: 04/07/91	Site: Brunswick

Brunswick

19

IB-79-41	Date: 05/10/79	Site: Byron
IB-84-27	Date: 11/06/84	Site: Byron
IB-85-C5	Date: 05/09/85	Site: Byron
VII-87-02	Date: 04/01/87	Site: Byron
X-88-02	Date: 02/05/88	Site: Byron
VII-88-53	Date: 12/16/88	Site: Byron
VII-89-01	Date: 01/10/89	Site: Byron
VII-89-36	Date: 07/25/89	Site: Byron
IB-89-25	Date: 12/26/89	Site: Byron
IB-91-05	Date: 01/22/91	Site: Byron

Byron

10

III-64-03	Date: 09/00/64	Site: CEA, NY
-----------	----------------	---------------

CEA, NY

1

IB-78-03	Date: 03/02/78	Site: Callaway
IB-78-05	Date: 03/28/78	Site: Callaway
IB-79-89	Date: 11/15/79	Site: Callaway
IB-79-91	Date: 12/03/79	Site: Callaway
IB-79-94	Date: 12/24/79	Site: Callaway
V-80-01	Date: 01/23/80	Site: Callaway
IB-80-09	Date: 01/30/80	Site: Callaway
V-81-02	Date: 02/26/81	Site: Callaway
IB-81-03	Date: 03/13/81	Site: Callaway
IB-84-17	Date: 04/11/84	Site: Callaway
V-84-10	Date: 07/04/84	Site: Callaway
V-85-09	Date: 07/30/85	Site: Callaway
X-86-05	Date: 03/12/86	Site: Callaway
X-87-10	Date: 08/11/87	Site: Callaway

Callaway

14

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

IB-74-11	Date: 05/29/74	Site: Calvert Cliffs
IB-75-06	Date: 04/14/75	Site: Calvert Cliffs
X-75-01	Date: 10/15/75	Site: Calvert Cliffs
IB-76-55	Date: 12/10/76	Site: Calvert Cliffs
IB-80-19	Date: 03/25/80	Site: Calvert Cliffs
IB-82-08	Date: 04/12/82	Site: Calvert Cliffs
IB-82-32	Date: 07/26/82	Site: Calvert Cliffs
IB-82-33	Date: 07/28/82	Site: Calvert Cliffs
VI-82-04	Date: 11/19/82	Site: Calvert Cliffs
IB-83-06	Date: 04/04/83	Site: Calvert Cliffs
IB-83-07	Date: 04/07/83	Site: Calvert Cliffs
IB-83-08	Date: 04/18/83	Site: Calvert Cliffs
VII-84-02	Date: 03/05/84	Site: Calvert Cliffs
IB-87-04	Date: 02/18/87	Site: Calvert Cliffs
VII-88-02	Date: 02/15/88	Site: Calvert Cliffs
VII-88-05	Date: 02/23/88	Site: Calvert Cliffs
VII-89-18	Date: 04/10/89	Site: Calvert Cliffs
X-89-29	Date: 09/27/89	Site: Calvert Cliffs

Calvert Cliffs 18

X-71-01	Date: 10/06/71	Site: Canada
---------	----------------	--------------

Canada 1

IB-79-84	Date: 10/29/79	Site: Carolina Power and Light Company
----------	----------------	--

Carolina Power and Light Company 1

IB-82-49	Date: 12/06/82	Site: Catawba
IB-82-47	Date: 12/06/82	Site: Catawba
IB-82-50	Date: 12/06/82	Site: Catawba
IB-82-51	Date: 12/06/82	Site: Catawba
IB-82-46	Date: 12/06/82	Site: Catawba
IB-82-45	Date: 12/06/82	Site: Catawba
IB-82-48	Date: 12/06/82	Site: Catawba
IB-82-44	Date: 12/06/82	Site: Catawba
II-85-03	Date: 06/06/85	Site: Catawba
VII-85-07	Date: 06/19/85	Site: Catawba
IB-85-12	Date: 08/09/85	Site: Catawba
VII-85-18	Date: 12/30/85	Site: Catawba
VII-87-08	Date: 05/17/87	Site: Catawba
VII-89-14	Date: 03/10/89	Site: Catawba

Catawba 14

IB-78-01	Date: 01/04/78	Site: Clinton
IB-78-17	Date: 08/27/78	Site: Clinton
IB-79-86	Date: 11/03/79	Site: Clinton
V-80-05	Date: 04/18/80	Site: Clinton
IB-80-42	Date: 07/12/80	Site: Clinton
IB-80-44	Date: 07/16/80	Site: Clinton

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-80-45	Date: 07/17/80	Site: Clinton
IB-80-46	Date: 07/18/80	Site: Clinton
IB-80-48	Date: 07/24/80	Site: Clinton
IE-80-56	Date: 08/29/80	Site: Clinton
IB-81-29	Date: 07/24/81	Site: Clinton
IB-81-32	Date: 08/14/81	Site: Clinton
IB-81-34	Date: 08/21/81	Site: Clinton
IB-84-05	Date: 02/09/84	Site: Clinton
IB-84-07	Date: 02/15/84	Site: Clinton
X-85-01	Date: 01/08/85	Site: Clinton
IB-85-10	Date: 07/08/85	Site: Clinton
V-86-05	Date: 07/02/86-	Site: Clinton
V-87-06	Date: 06/04/87-	Site: Clinton
IB-87-22	Date: 08/19/87	Site: Clinton
IB-87-23	Date: 08/28/87	Site: Clinton
VII-88-03	Date: 02/15/88	Site: Clinton
VII-88-21	Date: 06/09/88	Site: Clinton
V-88-03	Date: 08/12/88	Site: Clinton
VII-89-03	Date: 01/18/89	Site: Clinton
IB-89-03	Date: 01/28/89	Site: Clinton
X-89-05	Date: 02/06/89	Site: Clinton
V-89-07	Date: 07/24/89	Site: Clinton
V-89-08	Date: 07/29/89-	Site: Clinton
VII-90-05	Date: 01/13/90	Site: Clinton
X-90-11	Date: 08/03/90	Site: Clinton
V-90-02	Date: 08/13/90	Site: Clinton
VII-90-72	Date: 12/31/90	Site: Clinton
X-91-43	Date: 05/11/91	Site: Clinton
VII-91-30	Date: 06/27/91	Site: Clinton
VII-91-35	Date: 08/13/91	Site: Clinton
V-91-02	Date: 10/04/91	Site: Clinton

Clinton

37

IB-78-11	Date: 06/22/78	Site: Comanche Peak
IB-78-22	Date: 11/03/78	Site: Comanche Peak
V-80-03	Date: 02/05/80	Site: Comanche Peak
V-85-11	Date: 11/08/85	Site: Comanche Peak
IB-86-06	Date: 02/12/86	Site: Comanche Peak
V-86-03	Date: 03/03/86	Site: Comanche Peak
IB-86-24	Date: 07/23/86	Site: Comanche Peak
IB-89-08	Date: 03/14/89	Site: Comanche Peak
IB-89-11	Date: 04/13/89	Site: Comanche Peak
VII-90-17	Date: 02/28/90	Site: Comanche Peak
VII-90-23	Date: 03/22/90	Site: Comanche Peak
VII-90-38	Date: 07/12/90	Site: Comanche Peak
IB-90-08	Date: 09/13/90	Site: Comanche Peak
X-90-14	Date: 10/24/90	Site: Comanche Peak
VII-90-62	Date: 11/05/90	Site: Comanche Peak
VII-90-63	Date: 11/08/90	Site: Comanche Peak
X-91-04	Date: 01/08/91	Site: Comanche Peak
X-91-25	Date: 03/12/91	Site: Comanche Peak

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

X-91-27	Date: 03/15/91	Site: Comanche Peak
VII-91-24	Date: 06/04/91	Site: Comanche Peak
VII-91-32	Date: 07/09/91	Site: Comanche Peak
X-91-46	Date: 07/15/91	Site: Comanche Peak
VII-91-40	Date: 09/19/91	Site: Comanche Peak
X-91-53	Date: 10/01/91	Site: Comanche Peak
VII-91-43	Date: 10/08/91	Site: Comanche Peak
VII-91-44	Date: 10/09/91	Site: Comanche Peak

Comanche Peak 26

V-84-12	Date: 09/05/84	Site: Combustion Engineering, Inc. (Hematite)
---------	----------------	---

Combustion Engineering, Inc. (Hematite) 1

IB-80-55	Date: 08/26/80	Site: Combustion Engineering, Incorporated
VII-90-30	Date: 05/05/90	Site: Combustion Engineering, Incorporated

Combustion Engineering, Incorporated 2

IB-74-12	Date: 05/30/74	Site: Connecticut Yankee
IB-74-19	Date: 11/01/74	Site: Connecticut Yankee
VII-79-01	Date: 03/15/79	Site: Connecticut Yankee
VII-79-04	Date: 08/22/79	Site: Connecticut Yankee
IB-81-24	Date: 05/22/81	Site: Connecticut Yankee

Connecticut Yankee 5

IB-72-25	Date: 10/06/72	Site: Cooper
II-78-03	Date: 09/02/78	Site: Cooper
VII-87-24	Date: 11/06/87	Site: Cooper
IV-88-01	Date: 01/09/88	Site: Cooper
VII-91-02	Date: 01/07/91	Site: Cooper
IB-91-15	Date: 02/14/91	Site: Cooper
VII-91-51	Date: 11/25/91	Site: Cooper

Cooper 7

IB-72-03	Date: 04/00/72	Site: Crystal River
IB-72-11	Date: 05/00/72	Site: Crystal River
IB-72-12	Date: 05/00/72	Site: Crystal River
IB-74-01	Date: 01/06/74	Site: Crystal River
IB-74-03	Date: 01/22/74	Site: Crystal River
II-78-02	Date: 01/23/78	Site: Crystal River
IB-79-20	Date: 03/17/79	Site: Crystal River
IB-79-21	Date: 03/21/79	Site: Crystal River
III-80-02	Date: 05/17/80	Site: Crystal River
X-81-02	Date: 03/19/81	Site: Crystal River
VII-81-04	Date: 11/28/81	Site: Crystal River
IB-81-45	Date: 12/04/81	Site: Crystal River
VII-82-06	Date: 06/07/82	Site: Crystal River
VII-85-11	Date: 08/16/85	Site: Crystal River

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-86-15	Date: 05/05/86	Site: Crystal River
VII-87-19	Date: 10/22/87	Site: Crystal River
VII-87-23	Date: 10/29/87	Site: Crystal River
IB-88-08	Date: 03/07/88	Site: Crystal River
X-89-40	Date: 11/17/89	Site: Crystal River
X-89-44	Date: 12/09/89	Site: Crystal River

Crystal River 20

II-80-05	Date: 06/20/80	Site: D. C. Cook
IB-80-72	Date: 12/13/80	Site: D. C. Cook
V-83-07	Date: 08/31/83	Site: D. C. Cook
IB-83-38	Date: 12/02/83	Site: D. C. Cook
II-84-01	Date: 02/11/84	Site: D. C. Cook
V-84-11	Date: 08/22/84	Site: D. C. Cook
IB-86-33	Date: 09/11/86	Site: D. C. Cook
V-88-01	Date: 04/05/88	Site: D. C. Cook
V-89-04	Date: 04/10/89	Site: D. C. Cook
V-89-05	Date: 04/12/89	Site: D. C. Cook
X-89-20	Date: 07/29/89	Site: D. C. Cook
IB-91-24	Date: 07/14/91	Site: D. C. Cook

D. C. Cook 12

III-69-10	Date: 10/24/69	Site: D. Douglas Laboratory
-----------	----------------	-----------------------------

D. Douglas Laboratory 1

II-78-01	Date: 01/10/78-	Site: DOW TRIGA Reactor
----------	-----------------	-------------------------

DOW TRIGA Reactor 1

IB-78-16	Date: 08/18/78	Site: Davis-Besse
II-80-04	Date: 05/07/80	Site: Davis-Besse
V-85-05	Date: 06/05/85	Site: Davis-Besse
X-85-05	Date: 10/04/85	Site: Davis-Besse
VII-86-07	Date: 05/27/86	Site: Davis-Besse
IB-86-10	Date: 04/06/86	Site: Davis-Besse
VII-87-14	Date: 07/14/87	Site: Davis-Besse
VII-87-15	Date: 07/31/87	Site: Davis-Besse
IB-88-10	Date: 03/16/88	Site: Davis-Besse
X-88-11	Date: 04/22/88	Site: Davis-Besse
VII-88-27	Date: 07/06/88	Site: Davis-Besse
VII-90-29	Date: 05/02/90	Site: Davis-Besse
X-91-08	Date: 01/16/91	Site: Davis-Besse
X-91-13	Date: 01/24/91	Site: Davis-Besse
X-91-14	Date: 01/25/91	Site: Davis-Besse

Davis-Besse 15

IB-86-07	Date: 02/13/86	Site: Defense Nuclear Agency
----------	----------------	------------------------------

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

Defense Nuclear Agency			1
IB-74-06	Date: 03/13/74	Site: Diablo Canyon	
IB-75-01	Date: 02/20/75	Site: Diablo Canyon	
X-76-01	Date: 02/26/76	Site: Diablo Canyon	
X-76-02	Date: 03/04/76	Site: Diablo Canyon	
IB-76-07	Date: 03/04/76	Site: Diablo Canyon	
X-76-03	Date: 03/05/76	Site: Diablo Canyon	
IB-76-15	Date: 03/25/76	Site: Diablo Canyon	
IB-76-21	Date: 05/05/76	Site: Diablo Canyon	
IB-77-08	Date: 03/30/77	Site: Diablo Canyon	
IB-78-23	Date: 11/16/78	Site: Diablo Canyon	
IB-79-03	Date: 01/17/79	Site: Diablo Canyon	
IB-79-04	Date: 01/19/79	Site: Diablo Canyon	
IB-79-05	Date: 01/24/79	Site: Diablo Canyon	
IB-79-07	Date: 01/26/79	Site: Diablo Canyon	
IB-79-06	Date: 01/26/79	Site: Diablo Canyon	
IB-79-08	Date: 02/09/79	Site: Diablo Canyon	
IB-79-09	Date: 02/09/79	Site: Diablo Canyon	
IB-79-10	Date: 02/14/79	Site: Diablo Canyon	
IB-79-11	Date: 02/21/79	Site: Diablo Canyon	
IB-79-12	Date: 02/23/79	Site: Diablo Canyon	
IB-79-15	Date: 03/01/79	Site: Diablo Canyon	
IB-79-17	Date: 03/06/79	Site: Diablo Canyon	
IB-79-19	Date: 03/09/79	Site: Diablo Canyon	
IB-79-18	Date: 03/09/79	Site: Diablo Canyon	
IB-79-22	Date: 03/23/79	Site: Diablo Canyon	
IB-79-23	Date: 03/30/79	Site: Diablo Canyon	
IB-79-27	Date: 04/05/79	Site: Diablo Canyon	
IB-79-29	Date: 04/05/79	Site: Diablo Canyon	
IB-79-31	Date: 04/11/79	Site: Diablo Canyon	
IB-79-32	Date: 04/13/79	Site: Diablo Canyon	
IB-79-34	Date: 04/27/79	Site: Diablo Canyon	
IB-79-52	Date: 06/15/79	Site: Diablo Canyon	
IB-79-63	Date: 08/10/79	Site: Diablo Canyon	
IB-79-66	Date: 08/24/79	Site: Diablo Canyon	
IB-80-37	Date: 06/02/80	Site: Diablo Canyon	
IB-80-67	Date: 11/14/80	Site: Diablo Canyon	
IA-82-03	Date: 12/07/82	Site: Diablo Canyon	
IB-82-54	Date: 12/29/82	Site: Diablo Canyon	
IB-83-01	Date: 01/11/83	Site: Diablo Canyon	
V-83-01	Date: 04/26/83	Site: Diablo Canyon	
IB-83-13	Date: 05/04/83	Site: Diablo Canyon	
IB-83-14	Date: 05/05/83	Site: Diablo Canyon	
IB-83-20	Date: 08/08/83	Site: Diablo Canyon	
IB-83-19	Date: 08/08/83	Site: Diablo Canyon	
IB-83-21	Date: 08/11/83	Site: Diablo Canyon	
IB-83-22	Date: 08/12/83	Site: Diablo Canyon	
IB-83-24	Date: 08/20/83	Site: Diablo Canyon	
IB-83-25	Date: 08/25/83	Site: Diablo Canyon	
IB-83-26	Date: 08/27/83	Site: Diablo Canyon	
IB-83-28	Date: 09/01/83	Site: Diablo Canyon	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PR. -NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-83-29	Date: 09/02/83	Site: Diablo Canyon
VII-83-05	Date: 12/19/83	Site: Diablo Canyon
II-84-02	Date: 02/12/84	Site: Diablo Canyon
VI-84-01	Date: 02/14/84	Site: Diablo Canyon
VI-84-03	Date: 04/16/84	Site: Diablo Canyon
IB-84-18	Date: 04/26/84	Site: Diablo Canyon
VII-87-10	Date: 06/15/87	Site: Diablo Canyon
X-88-01	Date: 01/08/88	Site: Diablo Canyon
VII-88-33	Date: 08/18/88	Site: Diablo Canyon
X-88-25	Date: 09/03/88	Site: Diablo Canyon
X-89-14	Date: 05/31/89	Site: Diablo Canyon
VII-89-49	Date: 10/22/89	Site: Diablo Canyon
X-90-03	Date: 03/08/90	Site: Diablo Canyon
X-90-06	Date: 04/22/90	Site: Diablo Canyon
VII-90-32	Date: 05/15/90	Site: Diablo Canyon
VII-91-03	Date: 01/22/91	Site: Diablo Canyon
VII-91-07	Date: 02/16/91	Site: Diablo Canyon
VII-91-08	Date: 02/20/91	Site: Diablo Canyon
VII-91-13	Date: 04/08/91	Site: Diablo Canyon

Diablo Canyon

69

IB-70-03	Date: 10/27/70	Site: Dresden
IB-76-34	Date: 08/03/76	Site: Dresden
IB-79-81	Date: 10/25/79	Site: Dresden
IB-79-90	Date: 11/19/79	Site: Dresden
IB-81-01	Date: 01/15/81	Site: Dresden
V-81-08	Date: 10/14/81	Site: Dresden
VII-83-03	Date: 07/21/83	Site: Dresden
VII-85-12	Date: 09/05/85	Site: Dresden
VII-86-01	Date: 01/25/86	Site: Dresden
X-86-07	Date: 03/31/86	Site: Dresden
V-87-04	Date: 02/17/87	Site: Dresden
IB-87-07	Date: 03/06/87	Site: Dresden
VII-88-51	Date: 12/05/88	Site: Dresden
X-91-18	Date: 02/05/91	Site: Dresden
VII-91-23	Date: 06/03/91	Site: Dresden
X-91-58	Date: 12/13/91	Site: Dresden

Dresden

16

IB-76-28	Date: 06/23/76	Site: Duane Arnold
X-78-05	Date: 11/20/78	Site: Duane Arnold
IB-78-26	Date: 12/12/78	Site: Duane Arnold
X-79-02	Date: 02/10/79	Site: Duane Arnold
X-79-03	Date: 04/23/79	Site: Duane Arnold
IB-83-15	Date: 06/14/83	Site: Duane Arnold
X-85-04	Date: 08/16/85	Site: Duane Arnold
IV-86-01	Date: 12/12/86	Site: Duane Arnold
V-88-04	Date: 10/11/88	Site: Duane Arnold
V-88-05	Date: 10/13/88	Site: Duane Arnold
V-88-06	Date: 10/15/88	Site: Duane Arnold

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

X-89-21	Date: 08/02/89	Site: Duane Arnold
VII-90-37	Date: 06/20/90	Site: Duane Arnold
X-91-45	Date: 06/14/91	Site: Duane Arnold
VII-91-54	Date: 12/12/91	Site: Duane Arnold

Duane Arnold 15

X-73-01	Date: 01/20/73	Site: Dusquesne Light Company
---------	----------------	-------------------------------

Dusquesne Light Company 1

IB-74-13	Date: 07/15/74	Site: Farley
IB-75-02	Date: 02/25/75	Site: Farley
IB-76-30	Date: 07/01/76	Site: Farley
X-76-08	Date: 07/26/76	Site: Farley
II-80-11	Date: 10/09/80	Site: Farley
VII-86-05	Date: 03/23/86	Site: Farley
IB-89-23	Date: 12/05/89	Site: Farley
X-91-03	Date: 01/07/91	Site: Farley
X-91-10	Date: 01/17/91	Site: Farley
X-91-16	Date: 02/01/91	Site: Farley

Farley 10

II-80-12	Date: 10/24/80	Site: Fermi
IB-81-43	Date: 11/30/81	Site: Fermi
V-81-10	Date: 12/07/81	Site: Fermi
IB-83-03	Date: 01/21/83	Site: Fermi
IB-83-34	Date: 10/21/83	Site: Fermi
IB-83-37	Date: 11/29/83	Site: Fermi
X-83-01	Date: 12/13/83	Site: Fermi
IB-84-23	Date: 06/23/84	Site: Fermi
VII-86-22	Date: 12/17/86	Site: Fermi
VII-87-11	Date: 06/25/87	Site: Fermi
IB-87-21	Date: 07/26/87	Site: Fermi
IB-87-28	Date: 09/29/87	Site: Fermi
VII-87-18	Date: 10/06/87	Site: Fermi
VII-88-09	Date: 03/06/88	Site: Fermi
IB-88-12	Date: 03/18/88	Site: Fermi
VII-88-44	Date: 11/14/88	Site: Fermi
VII-88-47	Date: 11/19/88	Site: Fermi
VII-89-24	Date: 05/29/89	Site: Fermi
VII-89-41	Date: 08/28/89	Site: Fermi
VII-89-44	Date: 09/23/89	Site: Fermi
X-89-46	Date: 12/12/89	Site: Fermi
X-91-55	Date: 10/30/91	Site: Fermi

Fermi 22

V-81-01	Date: 01/05/81	Site: FitzPatrick
VII-82-05	Date: 06/07/82	Site: FitzPatrick
IB-88-37	Date: 12/18/88	Site: FitzPatrick

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

IB-89-16	Date: 07/08/89	Site: FitzPatrick	
FitzPatrick			4
II-75-02	Date: 04/07/75	Site: Forked River	
IB-75-08	Date: 05/06/75	Site: Forked River	
Forked River			2
IB-80-29	Date: 05/17/80	Site: Forked River/Oyster Creek	
Forked River/Oyster Creek			1
VII-82-04	Date: 06/04/82	Site: Ft. Calhoun	
VII-88-46	Date: 11/18/88	Site: Ft. Calhoun	
VII-89-27	Date: 06/08/89	Site: Ft. Calhoun	
VII-89-45	Date: 09/25/89	Site: Ft. Calhoun	
X-89-32	Date: 10/16/89	Site: Ft. Calhoun	
VII-89-52	Date: 10/27/89	Site: Ft. Calhoun	
VII-89-53	Date: 11/01/89	Site: Ft. Calhoun	
X-89-39	Date: 11/14/89	Site: Ft. Calhoun	
X-89-42	Date: 11/29/89	Site: Ft. Calhoun	
VII-89-57	Date: 12/04/89	Site: Ft. Calhoun	
VII-89-58	Date: 12/07/89	Site: Ft. Calhoun	
VII-89-60	Date: 12/22/89	Site: Ft. Calhoun	
VII-90-04	Date: 01/10/90	Site: Ft. Calhoun	
VII-90-08	Date: 01/29/90	Site: Ft. Calhoun	
VII-90-09	Date: 02/10/90	Site: Ft. Calhoun	
VII-90-54	Date: 10/15/90	Site: Ft. Calhoun	
VII-90-59	Date: 10/26/90	Site: Ft. Calhoun	
X-91-47	Date: 07/17/91	Site: Ft. Calhoun	
Ft. Calhoun			18
IV-71-02	Date: 01/20/71	Site: Ft. Collins, CO	
Ft. Collins, CO			1
IB-72-15	Date: 07/04/72	Site: Ft. St. Vrain	
V-75-01	Date: 08/26/75	Site: Ft. St. Vrain	
II-77-01	Date: 04/19/77	Site: Ft. St. Vrain	
II-79-02	Date: 06/22/79	Site: Ft. St. Vrain	
IB-79-71	Date: 09/27/79	Site: Ft. St. Vrain	
IB-80-03	Date: 01/16/80	Site: Ft. St. Vrain	
VII-86-16	Date: 08/22/86	Site: Ft. St. Vrain	
VII-87-09	Date: 05/19/87	Site: Ft. St. Vrain	
VII-87-20	Date: 10/23/87	Site: Ft. St. Vrain	
VII-88-25	Date: 06/24/88	Site: Ft. St. Vrain	
VII-89-17	Date: 03/26/89	Site: Ft. St. Vrain	
VII-89-22	Date: 05/24/89	Site: Ft. St. Vrain	
X-89-12	Date: 05/29/89	Site: Ft. St. Vrain	
VII-89-56	Date: 11/27/89	Site: Ft. St. Vrain	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

VII-90-43 Date: 08/01/90 Site: Ft. St. Vrain
VII-91-12 Date: 04/03/91 Site: Ft. St. Vrain
VII-91-21 Date: 05/26/91 Site: Ft. St. Vrain

Ft. St. Vrain 17

IB-84-14 Date: 03/26/84 Site: GPU Corporation

GPU Corporation 1

X-66-01 Date: 11/00/66 Site: General Atomics
III-70-01 Date: 04/16/70 Site: General Atomics
III-71-05 Date: 08/31/71 Site: General Atomics
IB-72-29 Date: 10/31/72 Site: General Atomics
IB-72-27 Date: 10/31/72 Site: General Atomics
IB-72-28 Date: 10/31/72 Site: General Atomics
IB-75-27 Date: 11/03/75 Site: General Atomics
IB-75-26 Date: 11/03/75 Site: General Atomics
IB-75-31 Date: 11/04/75 Site: General Atomics
IB-75-33 Date: 11/04/75 Site: General Atomics
IB-75-32 Date: 11/04/75 Site: General Atomics
IB-75-30 Date: 11/04/75 Site: General Atomics
IB-75-28 Date: 11/04/75 Site: General Atomics
IB-75-29 Date: 11/04/75 Site: General Atomics
X-78-06 Date: 12/10/78 Site: General Atomics
IB-79-26 Date: 04/02/79 Site: General Atomics
IB-79-93 Date: 12/10/79 Site: General Atomics
III-85-02 Date: 07/17/85 Site: General Atomics
X-86-06 Date: 03/31/86 Site: General Atomics
IB-88-19 Date: 06/16/88 Site: General Atomics

General Atomics 20

IB-72-02 Date: 03/13/72 Site: General Electric Company (San Jose)
IE-73-06 Date: 10/28/73 Site: General Electric Company (San Jose)

General Electric Company (San Jose) 2

III-64-02 Date: 07/23/64 Site: General Electric Company (Vallecitos)
III-71-03 Date: 05/28/71 Site: General Electric Company (Vallecitos)
IB-75-11 Date: 07/04/75 Site: General Electric Company (Vallecitos)
IB-75-16 Date: 09/20/75 Site: General Electric Company (Vallecitos)
IB-75-18 Date: 09/20/75 Site: General Electric Company (Vallecitos)
IB-75-17 Date: 09/20/75 Site: General Electric Company (Vallecitos)
IB-75-21 Date: 10/01/75 Site: General Electric Company (Vallecitos)
IB-75-22 Date: 10/03/75 Site: General Electric Company (Vallecitos)
IB-75-36 Date: 11/29/75 Site: General Electric Company (Vallecitos)
IB-78-08 Date: 06/12/78 Site: General Electric Company (Vallecitos)

General Electric Company (Vallecitos) 10

IB-76-23 Date: 05/31/76 Site: General Electric Company (Wilmington)

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

III-79-01	Date: 01/29/79	Site: General Electric Company (Wilmington)
IB-79-85	Date: 11/01/79	Site: General Electric Company (Wilmington)
IV-83-01	Date: 02/02/83	Site: General Electric Company (Wilmington)
IV-87-01	Date: 06/16/87	Site: General Electric Company (Wilmington)
IB-87-19	Date: 07/21/87	Site: General Electric Company (Wilmington)
IB-89-22	Date: 09/14/89	Site: General Electric Company (Wilmington)

General Electric Company (Wilmington) 7

IB-74-02	Date: 01/17/74	Site: Ginna
II-77-02	Date: 08/18/77	Site: Ginna
IB-79-80	Date: 10/23/79	Site: Ginna
IB-87-12	Date: 04/20/87	Site: Ginna
IB-88-27	Date: 09/08/88	Site: Ginna
X-89-10	Date: 03/30/89	Site: Ginna

Ginna 6

III-69-02	Date: 03/05/69	Site: Goodyear Atomic Corporation
-----------	----------------	-----------------------------------

Goodyear Atomic Corporation 1

IB-76-18	Date: 04/23/76	Site: Grand Gulf
IB-76-19	Date: 04/26/76	Site: Grand Gulf
X-76-04	Date: 05/05/76	Site: Grand Gulf
IB-77-20	Date: 09/30/77	Site: Grand Gulf
IB-81-40	Date: 10/30/81	Site: Grand Gulf
IB-82-35	Date: 08/05/82	Site: Grand Gulf
VII-85-06	Date: 01/14/85	Site: Grand Gulf
IB-86-17	Date: 05/3/86	Site: Grand Gulf
VII-86-17	Date: 08/24/86	Site: Grand Gulf
VII-88-34	Date: 08/24/88	Site: Grand Gulf
VII-88-40	Date: 10/10/88	Site: Grand Gulf
VII-89-09	Date: 02/10/89	Site: Grand Gulf
VII-90-52	Date: 10/06/90	Site: Grand Gulf
X-90-15	Date: 10/28/90	Site: Grand Gulf

Grand Gulf 14

IB-72-16	Date: 08/01/72	Site: Gulf-United Nuclear Fuels Corporation
IB-73-01	Date: 02/05/73	Site: Gulf-United Nuclear Fuels Corporation

Gulf-United Nuclear Fuels Corporation 2

IB-83-23	Date: 08/20/83	Site: Haddam Neck
IB-84-02	Date: 01/24/84	Site: Haddam Neck
VII-84-07	Date: 12/09/84	Site: Haddam Neck
VII-87-13	Date: 07/07/87	Site: Haddam Neck
VII-87-25	Date: 11/12/87	Site: Haddam Neck
VII-88-07	Date: 03/01/88	Site: Haddam Neck
X-88-23	Date: 08/05/88	Site: Haddam Neck
X-89-16	Date: 06/08/89	Site: Haddam Neck

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

VII-90-01	Date: 01/03/90	Site: Haddam Neck
VII-90-03	Date: 01/08/90	Site: Haddam Neck
VII-90-26	Date: 04/23/90	Site: Haddam Neck

Haddam Neck

11

X-79-01	Date: 01/02/79	Site: Harris
IB-79-44	Date: 05/25/79	Site: Harris
IB-79-49	Date: 05/31/79	Site: Harris
IB-80-14	Date: 02/24/80	Site: Harris
IB-80-66	Date: 11/04/80	Site: Harris
IB-85-03	Date: 02/14/85	Site: Harris
IB-86-14	Date: 04/30/86	Site: Harris
IB-86-30	Date: 09/08/86	Site: Harris
V-86-09	Date: 11/12/86	Site: Harris
IB-87-01	Date: 01/23/87	Site: Harris
IB-87-05	Date: 02/22/87	Site: Harris
IB-87-18	Date: 07/18/87	Site: Harris
X-88-04	Date: 03/01/88	Site: Harris
VII-88-08	Date: 03/04/88	Site: Harris
X-88-08	Date: 03/21/88	Site: Harris
VII-88-23	Date: 06/20/88	Site: Harris
VII-88-29	Date: 07/13/88	Site: Harris
VII-88-54	Date: 12/16/88	Site: Harris
IB-89-01	Date: 01/10/89	Site: Harris
IB-89-15	Date: 07/03/89	Site: Harris
VII-90-53	Date: 10/09/90	Site: Harris
VII-90-67	Date: 11/28/90	Site: Harris
VII-90-69	Date: 12/05/90	Site: Harris
VII-90-71	Date: 12/08/90	Site: Harris
X-91-24	Date: 03/06/91	Site: Harris
X-91-31	Date: 03/28/91	Site: Harris
VII-91-15	Date: 04/26/91	Site: Harris
X-91-38	Date: 04/30/91	Site: Harris
X-91-41	Date: 05/07/91	Site: Harris
VII-91-18	Date: 05/09/91	Site: Harris
VII-91-27	Date: 06/19/91	Site: Harris
VII-91-28	Date: 06/20/91	Site: Harris

Harris

32

IB-79-28	Date: 04/05/79	Site: Hartsville
IB-79-48	Date: 05/31/79	Site: Hartsville

Hartsville

2

IB-75-10	Date: 06/10/75	Site: Hatch
VII-77-02	Date: 02/22/77	Site: Hatch
VII-82-03	Date: 04/26/82	Site: Hatch
IB-82-52	Date: 12/08/82	Site: Hatch
IB-84-	Date: 01/03/84	Site: Hatch
V-84-02	Date: 02/04/84	Site: Hatch

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

IB-84-11	Date: 03/13/84	Site: Hatch	
VII-84-04	Date: 05/22/84	Site: Hatch	
V-87-07	Date: 06/10/87-	Site: Hatch	
VII-88-43	Date: 10/19/88	Site: Hatch	
VII-89-37	Date: 07/27/89	Site: Hatch	
V-90-01	Date: 04/25/90	Site: Hatch	
VII-90-35	Date: 06/11/90	Site: Hatch	
X-91-05	Date: 01/2/91	Site: Hatch	
Hatch			14
IV-80-01	Date: 04/18/80	Site: Hittman Nuclear Development Corporation	
Hittman Nuclear Development Corporation			1
IB-80-60	Date: 09/16/80	Site: Hope Creek	
IB-83-10	Date: 04/27/83	Site: Hope Creek	
IB-84-22	Date: 06/20/84	Site: Hope Creek	
VI-85-01	Date: 05/22/85	Site: Hope Creek	
IB-85-23	Date: 12/30/85	Site: Hope Creek	
IB-86-01	Date: 01/02/86	Site: Hope Creek	
Hope Creek			6
X-81-05	Date: 10/22/81	Site: Humboldt Bay	
IB-87-31	Date: 10/29/87	Site: Humboldt Bay	
Humboldt Bay			2
III-72-01	Date: 04/11/72	Site: Idaho Nuclear Corporation	
Idaho Nuclear Corporation			1
IB-70-06	Date: 11/10/70	Site: Idaho State University	
Idaho State University			1
IA-69-01	Date: 05/04/69	Site: Illinois Institute of Technology	
Illinois Institute of Technology			1
III-87-01	Date: 01/23/87	Site: Indian Point 1 & 2	
VII-91-17	Date: 05/07/91	Site: Indian Point 1 & 2	
VII-91-20	Date: 05/15/91	Site: Indian Point 1 & 2	
Indian Point 1 & 2			3
VI-71-01	Date: 04/11/71	Site: Indian Point 2	
IB-74-08	Date: 05/03/74	Site: Indian Point 2	
IB-74-09	Date: 05/17/74	Site: Indian Point 2	
IB-74-16	Date: 08/16/74	Site: Indian Point 2	
IB-75-20	Date: 09/26/75	Site: Indian Point 2	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

II-76-04	Date: 09/25/76	Site: Indian Point 2
IB-77-18	Date: 08/03/77	Site: Indian Point 2
IB-77-22	Date: 11/04/77	Site: Indian Point 2
IB-77-25	Date: 11/22/77	Site: Indian Point 2
IB-79-75	Date: 10/16/79	Site: Indian Point 2
IB-79-76	Date: 10/21/79	Site: Indian Point 2
IB-79-87	Date: 11/06/79	Site: Indian Point 2
IB-80-17	Date: 03/21/80	Site: Indian Point 2
IB-80-18	Date: 03/23/80	Site: Indian Point 2
IB-80-32	Date: 05/19/80	Site: Indian Point 2
IB-80-35	Date: 05/28/80	Site: Indian Point 2
IB-80-36	Date: 06/01/80	Site: Indian Point 2
IB-80-38	Date: 06/03/80	Site: Indian Point 2
IB-80-39	Date: 06/04/80	Site: Indian Point 2
IB-80-68	Date: 11/18/80	Site: Indian Point 2
IB-81-03	Date: 01/20/81	Site: Indian Point 2
IB-81-04	Date: 01/24/81	Site: Indian Point 2
IB-81-08	Date: 02/25/81	Site: Indian Point 2
IB-81-19	Date: 04/05/81	Site: Indian Point 2
IB-81-22	Date: 05/06/81	Site: Indian Point 2
IB-81-25	Date: 06/20/81	Site: Indian Point 2
II-82-02	Date: 08/06/82	Site: Indian Point 2
X-82-05	Date: 11/23/82	Site: Indian Point 2
IB-84-19	Date: 04/30/84	Site: Indian Point 2
IB-84-28	Date: 12/11/84	Site: Indian Point 2
X-86-09	Date: 06/25/86	Site: Indian Point 2
IB-87-06	Date: 03/06/87	Site: Indian Point 2
IB-88-24	Date: 08/06/88	Site: Indian Point 2
IB-88-33	Date: 10/05/88	Site: Indian Point 2
IB-88-36	Date: 11/20/88	Site: Indian Point 2
VII-89-29	Date: 06/13/89	Site: Indian Point 2
IB-89-14	Date: 06/21/89	Site: Indian Point 2
X-89-22	Date: 08/03/89	Site: Indian Point 2
VII-89-54	Date: 11/07/89	Site: Indian Point 2

Indian Point 2 39

X-79-04	Date: 08/05/79	Site: Indian Point 3
X-80-02	Date: 11/30/80	Site: Indian Point 3
VII-89-10	Date: 02/13/89	Site: Indian Point 3
X-91-52	Date: 03/28/91	Site: Indian Point 3

Indian Point 3 4

IB-72-13	Date: 06/02/72	Site: Iowa State University
----------	----------------	-----------------------------

Iowa State University 1

IB-70-02	Date: 09/11/70	Site: Kansas State University
----------	----------------	-------------------------------

Kansas State University 1

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

III-70-02	Date: 05/16/70	Site: Kerr-McGee Corporation	
III-74-02	Date: 05/09/74	Site: Kerr-McGee Corporation	
X-74-01	Date: 11/00/74	Site: Kerr-McGee Corporation	
V-74-03	Date: 12/16/74	Site: Kerr-McGee Corporation	
II-75-03	Date: 07/02/75	Site: Kerr-McGee Corporation	
VII-75-03	Date: 07/02/75	Site: Kerr-McGee Corporation	
III-81-01	Date: 04/08/81	Site: Kerr-McGee Corporation	
Kerr-McGee Corporation			7
IB-79-53	Date: 06/15/79	Site: Kerr-McGee Corporation (West Chicago)	
Kerr-McGee Corporation (West Chicago)			1
II-82-01	Date: 02/17/82	Site: Kewaunee	
VII-86-11	Date: 05/08/86	Site: Kewaunee	
λ-87-12	Date: 10/24/87	Site: Kewaunee	
IB-88-23	Date: 07/08/88	Site: Kewaunee	
VII-90-25	Date: 04/13/90	Site: Kewaunee	
Kewaunee			5
III-69-05	Date: 06/00/69	Site: Kulite Tungsten Company	
Kulite Tungsten Company			1
VII-87-28	Date: 12/14/87-	Site: LaCrosse	
LaCrosse			1
IB-79-30	Date: 04/07/79	Site: LaSalle	
II-80-14	Date: 12/14/80	Site: LaSalle	
VI-91-02	Date: 04/20/81	Site: LaSalle	
VI-91-03	Date: 04/21/81	Site: LaSalle	
VII-83-01	Date: 01/15/83	Site: LaSalle	
VI-83-31	Date: 02/02/83	Site: LaSalle	
V-83-05	Date: 07/15/83	Site: LaSalle	
V-85-01	Date: 02/15/85-	Site: LaSalle	
VII-85-03	Date: 03/08/85	Site: LaSalle	
IB-86-13	Date: 04/25/86	Site: LaSalle	
VII-88-48	Date: 11/26/88	Site: LaSalle	
IB-90-02	Date: 05/09/90	Site: LaSalle	
X-90-16	Date: 10/28/90	Site: LaSalle	
VII-91-19	Date: 05/10/91	Site: LaSalle	
LaSalle			14
VII-71-01	Date: 01/20/71	Site: Laramie, WY	
Laramie, WY			1
III-78-01	Date: 09/15/78	Site: Ledoux and Company, Inc., Teaneck, NJ	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

Ledoux and Company, Inc., Teaneck, NJ 1

IB-76-37	Date: 08/25/76	Site: Limerick
VI-82-02	Date: 06/30/82	Site: Limerick
VII-84-06	Date: 10/30/84	Site: Limerick
IB-86-22	Date: 07/15/86	Site: Limerick
VII-86-13	Date: 07/17/86	Site: Limerick
IB-86-37	Date: 10/10/86	Site: Limerick
IB-86-43	Date: 12/22/86	Site: Limerick
V-87-03	Date: 02/07/87	Site: Limerick
IB-87-08	Date: 03/08/87	Site: Limerick
VII-87-12	Date: 07/03/87	Site: Limerick
X-87-08	Date: 07/15/87	Site: Limerick
V-87-08	Date: 08/02/87	Site: Limerick
V-87-09	Date: 08/03/87	Site: Limerick
VII-88-14	Date: 04/06/88	Site: Limerick
VII-88-16	Date: 04/22/88	Site: Limerick
X-88-16	Date: 06/17/88	Site: Limerick
X-88-19	Date: 07/24/88	Site: Limerick
VII-88-52	Date: 12/15/88	Site: Limerick
VII-89-07	Date: 02/04/89	Site: Limerick
V-89-03	Date: 03/29/89	Site: Limerick
X-89-26	Date: 09/11/89	Site: Limerick
IB-89-21	Date: 09/11/89	Site: Limerick
X-90-10	Date: 06/08/90	Site: Limerick
VII-90-41	Date: 07/26/90	Site: Limerick
IB-91-12	Date: 01/30/91	Site: Limerick
X-91-48	Date: 07/18/91	Site: Limerick
X-91-51	Date: 08/20/91	Site: Limerick

Limerick 27

IB-74-04	Date: 03/08/74	Site: Maine Yankee
IB-74-05	Date: 03/11/74	Site: Maine Yankee
X-81-01	Date: 03/03/81	Site: Maine Yankee
X-81-03	Date: 06/04/81	Site: Maine Yankee
IB-81-30	Date: 07/26/81	Site: Maine Yankee
V-82-06	Date: 11/18/82	Site: Maine Yankee
V-84-06	Date: 04/18/84	Site: Maine Yankee
VII-86-14	Date: 07/17/86	Site: Maine Yankee
IB-89-20	Date: 09/07/89	Site: Maine Yankee
IB-90-04	Date: 05/21/90	Site: Maine Yankee
IB-90-07	Date: 08/29/90	Site: Maine Yankee

Maine Yankee 11

IB-91-13	Date: 01/31/91	Site: Manhattan College
----------	----------------	-------------------------

Manhattan College 1

IB-82-19	Date: 04/15/82-	Site: Marble Hill
IB-82-11	Date: 04/15/82-	Site: Marble Hill

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

1B-82-13	Date: 04/15/82-	Site: Marble Hill
1B-82-23	Date: 04/15/82-	Site: Marble Hill
1B-82-18	Date: 04/15/82-	Site: Marble Hill
1B-82-24	Date: 04/15/82-	Site: Marble Hill
1B-82-17	Date: 04/15/82-	Site: Marble Hill
1B-82-09-	Date: 04/15/82-	Site: Marble Hill
1B-82-10	Date: 04/15/82-	Site: Marble Hill
1B-82-20	Date: 04/15/82-	Site: Marble Hill
1B-82-25	Date: 04/15/82-	Site: Marble Hill
1B-82-15	Date: 04/15/82-	Site: Marble Hill
1B-82-16	Date: 04/15/82-	Site: Marble Hill
1B-82-22	Date: 04/15/82-	Site: Marble Hill
1B-82-12	Date: 04/15/82-	Site: Marble Hill
1B-82-26	Date: 04/15/82-	Site: Marble Hill
1B-82-14	Date: 04/15/82-	Site: Marble Hill
1B-82-21	Date: 04/15/82-	Site: Marble Hill

Marble Hill

18

111-69-07	Date: 07/01/69	Site: Massachusetts Institute of Technology
11-75-04	Date: 09/25/75	Site: Massachusetts Institute of Technology
1B-76-02	Date: 01/22/76	Site: Massachusetts Institute of Technology
1B-76-03	Date: 01/23/76	Site: Massachusetts Institute of Technology
1B-76-04	Date: 01/30/76	Site: Massachusetts Institute of Technology

Massachusetts Institute of Technology

5

X-81-04	Date: 07/31/81	Site: McGuire
1B-85-17	Date: 09/20/85	Site: McGuire
VII-86-20	Date: 11/18/86	Site: McGuire
1B-88-15	Date: 04/03/88	Site: McGuire
VII-90-13	Date: 02/19/90	Site: McGuire
X-91-09	Date: 01/16/91	Site: McGuire

McGuire

6

III-89-03	Date: 11/02/89	Site: Mercy Hospital
-----------	----------------	----------------------

Mercy Hospital

1

V-79-03	Date: 05/30/79	Site: Midland
VI-80-01	Date: 02/23/80	Site: Midland
VI-80-02	Date: 03/26/80	Site: Midland
1B-81-16	Date: 03/23/81	Site: Midland
1B-84-03	Date: 01/25/84	Site: Midland
V-84-07	Date: 05/22/84	Site: Midland
V-84-08	Date: 06/20/84	Site: Midland
V-84-09	Date: 07/01/84	Site: Midland

Midland

8

1B-75-05	Date: 04/10/75	Site: Millstone
----------	----------------	-----------------

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

VII-75-01	Date: 04/14/75	Site: Millstone
IB-75-09	Date: 05/12/75	Site: Millstone
IB-75-14	Date: 08/22/75	Site: Millstone
IB-76-16	Date: 04/06/76	Site: Millstone
IB-77-05	Date: 03/03/77	Site: Millstone
IB-78-07	Date: 05/25/78	Site: Millstone
IB-78-10	Date: 06/16/78	Site: Millstone
IB-78-14	Date: 07/15/78	Site: Millstone
VII-78-02	Date: 09/03/78	Site: Millstone
IB-79-43	Date: 05/21/79	Site: Millstone
VI-79-05	Date: 11/08/79	Site: Millstone
II-81-01	Date: 04/18/81	Site: Millstone
II-81-02	Date: 08/28/81	Site: Millstone
IB-81-48	Date: 12/28/81	Site: Millstone
X-81-06	Date: 12/31/81	Site: Millstone
IB-82-39	Date: 10/25/82	Site: Millstone
IB-82-42	Date: 11/19/82	Site: Millstone
V-83-04	Date: 06/26/83	Site: Millstone
II-84-04	Date: 09/25/84	Site: Millstone
VII-85-04	Date: 03/13/85	Site: Millstone
VII-85-15	Date: 11/13/85	Site: Millstone
IB-86-12	Date: 04/21/86	Site: Millstone
VII-86-19	Date: 11/13/86	Site: Millstone
VII-87-01	Date: 03/09/87	Site: Millstone
IB-87-20	Date: 07/24/87	Site: Millstone
IB-88-18	Date: 05/16/88	Site: Millstone
VII-88-50	Date: 12/04/88	Site: Millstone
VII-89-04	Date: 01/19/89	Site: Millstone
VII-90-22	Date: 03/21/90	Site: Millstone
X-90-13	Date: 10/04/90	Site: Millstone
VII-91-06	Date: 01/28/91	Site: Millstone
V-91-01	Date: 02/01/91	Site: Millstone
X-91-23	Date: 03/04/91	Site: Millstone
X-91-29	Date: 03/20/91	Site: Millstone
VII-91-10	Date: 03/24/91	Site: Millstone
X-91-36	Date: 04/26/91	Site: Millstone
X-91-42	Date: 05/08/91	Site: Millstone
X-91-49	Date: 07/26/91	Site: Millstone

Millstone

39

III-69-08 Date: 07/11/69- Site: Monsanto Research Corporation

Monsanto Research Corporation

1

X-85-02	Date: 02/04/85	Site: Monticello
IB-85-13	Date: 08/25/85	Site: Monticello
IB-85-18	Date: 09/21/85	Site: Monticello
IB-86-03	Date: 01/17/86	Site: Monticello
VII-89-34	Date: 07/17/89	Site: Monticello
VII-89-46	Date: 09/27/89	Site: Monticello
IB-91-01	Date: 01/14/91	Site: Monticello

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

Monticello			7
X-91-12	Date: 01/24/91	Site: NRC Region 1	
NRC Region 1			1
III-67-03	Date: 12/15/67	Site: National Bureau of Standards, MD	
National Bureau of Standards, MD			1
III-68-02	Date: 01/29/68	Site: National Lead Company	
National Lead Company			1
III-75-01	Date: 03/21/75	Site: National Nuclear Corporation, CA	
National Nuclear Corporation, CA			1
III-69-09	Date: 08/05/69-	Site: Naval Radiological Defense Laboratory	
Naval Radiological Defense Laboratory			1
III-69-03	Date: 03/11/69	Site: New York, NY	
New York, NY			1
II-79-01	Date: 02/06/79	Site: Nine Mile Point	
V-81-06	Date: 08/18/81	Site: Nine Mile Point	
IB-84-10	Date: 03/12/84	Site: Nine Mile Point	
IB-89-02	Date: 01/31/89	Site: Nine Mile Point	
III-89-01	Date: 02/11/89	Site: Nine Mile Point	
VII-90-18	Date: 03/02/90	Site: Nine Mile Point	
IB-91-22	Date: 05/25/91	Site: Nine Mile Point	
Nine Mile Point			7
IB-71-08	Date: 10/18/71	Site: North Anna	
IB-72-05	Date: 04/28/72	Site: North Anna	
IB-72-06	Date: 05/05/72	Site: North Anna	
IB-72-07	Date: 05/11/72	Site: North Anna	
IB-72-08	Date: 05/12/72	Site: North Anna	
IB-72-18	Date: 08/01/72	Site: North Anna	
IB-72-19	Date: 08/10/72	Site: North Anna	
IB-72-20	Date: 08/10/72	Site: North Anna	
IB-72-21	Date: 08/11/72	Site: North Anna	
IB-72-22	Date: 08/14/72	Site: North Anna	
IB-72-23	Date: 08/15/72	Site: North Anna	
IB-76-20	Date: 05/04/76	Site: North Anna	
IB-76-22	Date: 05/07/76	Site: North Anna	
IB-76-36	Date: 08/22/76	Site: North Anna	
IB-76-38	Date: 08/31/76	Site: North Anna	
IB-76-39	Date: 09/01/76	Site: North Anna	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-76-40	Date: 09/02/76	Site: North Anna
IB-76-41	Date: 09/19/76	Site: North Anna
X-76-11	Date: 09/23/76	Site: North Anna
IB-76-42	Date: 10/06/76	Site: North Anna
IB-76-43	Date: 10/06/76	Site: North Anna
IB-76-44	Date: 10/06/76	Site: North Anna
IB-76-45	Date: 10/07/76	Site: North Anna
IB-76-46	Date: 10/13/76	Site: North Anna
IB-76-47	Date: 10/14/76	Site: North Anna
IB-76-49	Date: 10/15/76	Site: North Anna
IB-76-48	Date: 10/15/76	Site: North Anna
IB-76-50	Date: 10/15/76	Site: North Anna
IB-76-52	Date: 11/03/76	Site: North Anna
IB-82-02	Date: 03/01/82	Site: North Anna
VII-85-16	Date: 12/05/85	Site: North Anna
VII-85-19	Date: 12/31/85	Site: North Anna
X-88-18	Date: 07/18/88	Site: North Anna
X-88-24	Date: 08/09/88	Site: North Anna
VII-89-35	Date: 07/18/89	Site: North Anna
X-91-57	Date: 12/09/91	Site: North Anna

North Anna

36

IB-76-32	Date: 07/14/76	Site: Northern States Power Company (NSP)
----------	----------------	---

Northern States Power Company (NSP)

1

III-68-05	Date: 12/00/68	Site: Nuclear Fuel Services, Incorporated
III-69-04	Date: 04/21/69	Site: Nuclear Fuel Services, Incorporated
II-74-01	Date: 05/16/74	Site: Nuclear Fuel Services, Incorporated
II-75-01	Date: 02/23/75	Site: Nuclear Fuel Services, Incorporated
VI-75-01	Date: 07/23/75	Site: Nuclear Fuel Services, Incorporated
III-79-02	Date: 08/00/79	Site: Nuclear Fuel Services, Incorporated
IB-80-65	Date: 10/28/80	Site: Nuclear Fuel Services, Incorporated
V-85-03	Date: 05/15/85	Site: Nuclear Fuel Services, Incorporated
V-85-06	Date: 06/21/85	Site: Nuclear Fuel Services, Incorporated
VII-85-08	Date: 07/05/85	Site: Nuclear Fuel Services, Incorporated
VII-85-17	Date: 12/11/85	Site: Nuclear Fuel Services, Incorporated
VII-86-04	Date: 03/12/86	Site: Nuclear Fuel Services, Incorporated
VI-86-01	Date: 03/12/86	Site: Nuclear Fuel Services, Incorporated
VI-86-02	Date: 03/19/86	Site: Nuclear Fuel Services, Incorporated
VI-86-03	Date: 03/20/86	Site: Nuclear Fuel Services, Incorporated
VII-86-06	Date: 03/24/86	Site: Nuclear Fuel Services, Incorporated
VII-88-36	Date: 09/05/88	Site: Nuclear Fuel Services, Incorporated
VII-88-55	Date: 12/16/88	Site: Nuclear Fuel Services, Incorporated
VII-90-65	Date: 11/23/90	Site: Nuclear Fuel Services, Incorporated

Nuclear Fuel Services, Incorporated

19

III-60-01	Date: 00/00/60	Site: Nuclear Materials and Equipment Corp.
II-62-01	Date: 10/25/62	Site: Nuclear Materials and Equipment Corp.
III-71-01	Date: 02/16/71	Site: Nuclear Materials and Equipment Corp.

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

Nuclear Materials and Equipment Corp.			3
IB-76-26	Date: 06/03/76	Site: Nuclear Power Plants	
IB-76-27	Date: 06/07/76	Site: Nuclear Power Plants	
IB-76-29	Date: 06/23/76	Site: Nuclear Power Plants	
IB-90-10	Date: 10/22/90	Site: Nuclear Power Plants	
Nuclear Power Plants			4
IB-71-05	Date: 08/17/71	Site: Oconee	
II-73-01	Date: 03/15/73	Site: Oconee	
IB-75-39	Date: 12/23/75	Site: Oconee	
IB-81-27	Date: 07/15/81	Site: Oconee	
IB-85-11	Date: 07/21/85	Site: Oconee	
Oconee			5
IB-91-10	Date: 01/25/91	Site: Oregon State University	
Oregon State University			1
IB-75-42	Date: 12/31/75	Site: Oyster Creek	
II-76-02	Date: 04/26/76	Site: Oyster Creek	
IB-78-21	Date: 10/15/78	Site: Oyster Creek	
IB-81-39	Date: 10/29/81	Site: Oyster Creek	
IB-82-38	Date: 10/01/82	Site: Oyster Creek	
IB-82-37	Date: 10/01/82	Site: Oyster Creek	
IB-83-09	Date: 04/22/83	Site: Oyster Creek	
IB-83-11	Date: 04/27/83	Site: Oyster Creek	
IB-83-39	Date: 12/06/83	Site: Oyster Creek	
IB-84-16	Date: 04/08/84	Site: Oyster Creek	
IB-84-21	Date: 05/23/84	Site: Oyster Creek	
IB-84-25	Date: 09/12/84	Site: Oyster Creek	
II-84-05	Date: 11/26/84	Site: Oyster Creek	
IB-86-09	Date: 03/24/86	Site: Oyster Creek	
V-87-10	Date: 10/31/87	Site: Oyster Creek	
IV-87-02	Date: 11/19/87	Site: Oyster Creek	
X-91-33	Date: 03/31/91	Site: Oyster Creek	
IB-91-23	Date: 06/06/91	Site: Oyster Creek	
Oyster Creek			18
IB-78-06	Date: 04/13/78	Site: Oyster Creek/Forked River Plants	
Oyster Creek/Forked River Plants			1
IB-72-31	Date: 12/29/72	Site: Palisades	
X-75-03	Date: 12/02/75	Site: Palisades	
X-77-01	Date: 07/17/77	Site: Palisades	
X-78-04	Date: 04/01/78	Site: Palisades	
IB-80-59	Date: 09/11/80	Site: Palisades	
V-81-07	Date: 10/03/81	Site: Palisades	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

X-86-10	Date: 12/12/86	Site: Palisades
VII-87-26	Date: 11/20/87	Site: Palisades
X-88-C9	Date: 03/22/88	Site: Palisades
IB-89-17	Date: 08/08/89	Site: Palisades
X-91-34	Date: 04/05/91	Site: Palisades

Palisades

11

IB-77-03	Date: 02/17/77	Site: Palo Verde
IB-78-12	Date: 06/30/78	Site: Palo Verde
IB-82-01	Date: 02/19/82	Site: Palo Verde
V-84-03	Date: 02/07/84	Site: Palo Verde
V-84-05	Date: 03/30/84	Site: Palo Verde
V-85-07	Date: 07/08/85	Site: Palo Verde
V-85-08	Date: 07/26/85	Site: Palo Verde
V-85-10	Date: 08/15/85	Site: Palo Verde
V-86-04	Date: 04/23/86	Site: Palo Verde
VIII B-86-01	Date: 05/14/86	Site: Palo Verde
IB-86-20	Date: 05/28/86	Site: Palo Verde
X-86-08	Date: 06/19/86	Site: Palo Verde
IB-86-26	Date: 08/22/86	Site: Palo Verde
VII-87-03	Date: 04/04/87	Site: Palo Verde
VII-87-06	Date: 04/20/87	Site: Palo Verde
VII-88-12	Date: 03/29/88	Site: Palo Verde
VII-88-15	Date: 04/13/88	Site: Palo Verde
IB-89-05	Date: 02/23/89	Site: Palo Verde
VII-89-42	Date: 09/05/89	Site: Palo Verde
VII-89-43	Date: 09/15/89	Site: Palo Verde
X-89-36	Date: 10/26/89	Site: Palo Verde
VII-90-06	Date: 01/17/90	Site: Palo Verde
VII-90-10	Date: 02/14/90	Site: Palo Verde
IB-91-03	Date: 01/14/91	Site: Palo Verde
X-91-22	Date: 02/26/91	Site: Palo Verde
IB-91-17	Date: 04/02/91	Site: Palo Verde
VII-91-42	Date: 10/04/91	Site: Palo Verde
VII-91-45	Date: 10/14/91	Site: Palo Verde

Palo Verde

28

IB-75-04	Date: 04/01/75	Site: Peach Bottom
IB-76-31	Date: 07/03/76	Site: Peach Bottom
IB-77-23	Date: 11/06/77	Site: Peach Bottom
V-79-05	Date: 09/21/79	Site: Peach Bottom
VII-82-01	Date: 02/25/82	Site: Peach Bottom
VI-83-02	Date: 03/08/83	Site: Peach Bottom
IB-83-32	Date: 10/13/83	Site: Peach Bottom
VII-85-14	Date: 10/28/85	Site: Peach Bottom
IB-86-16	Date: 05/06/86	Site: Peach Bottom
V-86-06	Date: 10/17/86	Site: Peach Bottom
IB-87-26	Date: 09/20/87	Site: Peach Bottom
IB-87-32	Date: 11/18/87	Site: Peach Bottom
IB-87-33	Date: 11/20/87	Site: Peach Bottom

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-88-01	Date: 01/20/88	Site: Peach Bottom
VII-88-11	Date: 03/13/88	Site: Peach Bottom
X-88-17	Date: 06/19/88	Site: Peach Bottom
X-88-20	Date: 07/24/88	Site: Peach Bottom
IB-89-13	Date: 05/25/89	Site: Peach Bottom
X-89-19	Date: 07/11/89	Site: Peach Bottom
IB-89-18	Date: 08/25/89	Site: Peach Bottom
V-89-09	Date: 08/29/89	Site: Peach Bottom
VII-90-27	Date: 04/24/90	Site: Peach Bottom
IB-91-25	Date: 08/06/91	Site: Peach Bottom
VII-91-55	Date: 12/18/91	Site: Peach Bottom

Peach Bottom 24

III-67-02	Date: 10/03/67	Site: Pennsylvania State University
-----------	----------------	-------------------------------------

Pennsylvania State University 1

V-81-09	Date: 12/01/81	Site: Perry
V-82-01	Date: 02/22/82	Site: Perry
III-86-02	Date: 07/02/86	Site: Perry
X-89-02	Date: 01/18/89	Site: Perry
X-91-26	Date: 03/15/91	Site: Perry
X-91-52	Date: 08/27/91	Site: Perry

Perry 6

IB-80-49	Date: 07/24/80	Site: Phipps Bend
IB-80-51	Date: 08/04/80	Site: Phipps Bend
IB-80-52	Date: 08/05/80	Site: Phipps Bend

Phipps Bend 3

IA-74-01	Date: 08/26/74	Site: Pilgrim
IB-74-20	Date: 11/04/74	Site: Pilgrim
IB-75-24	Date: 10/17/75	Site: Pilgrim
X-75-02	Date: 10/22/75	Site: Pilgrim
IB-75-35	Date: 11/08/75	Site: Pilgrim
IB-75-34	Date: 11/08/75	Site: Pilgrim
IB-76-24	Date: 06/02/76	Site: Pilgrim
II-79-03	Date: 07/11/79	Site: Pilgrim
IB-80-04	Date: 01/24/80	Site: Pilgrim
IB-80-07	Date: 01/25/80	Site: Pilgrim
II-80-01	Date: 02/23/80	Site: Pilgrim
IB-80-21	Date: 04/04/80	Site: Pilgrim
IB-81-07	Date: 02/14/81	Site: Pilgrim
VI-82-01	Date: 04/15/82	Site: Pilgrim
IB-82-40	Date: 11/02/82	Site: Pilgrim
VII-84-03	Date: 04/18/84	Site: Pilgrim
IB-85-01	Date: 01/10/85	Site: Pilgrim
IB-86-28	Date: 08/26/86	Site: Pilgrim
X-87-11	Date: 09/05/87	Site: Pilgrim

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-89-10	Date: 04/05/89	Site: Pilgrim
X-89-17	Date: 06/19/89	Site: Pilgrim
X-89-38	Date: 10/30/89	Site: Pilgrim
X-90-05	Date: 04/19/90	Site: Pilgrim
VII-90-36	Date: 06/12/90	Site: Pilgrim
X-91-21	Date: 02/22/91	Site: Pilgrim
X-91-37	Date: 04/28/91	Site: Pilgrim

Pilgrim 26

IA-70-01	Date: 00/00/70	Site: Point Beach
VII-75-02	Date: 04/14/75	Site: Point Beach
IB-83-18	Date: 08/03/83	Site: Point Beach
VII-83-04	Date: 12/16/83	Site: Point Beach
VII-85-09	Date: 07/12/85	Site: Point Beach
VII-86-08	Date: 04/07/86	Site: Point Beach
VII-88-13	Date: 04/05/88	Site: Point Beach
VII-88-22	Date: 06/13/88	Site: Point Beach
IB-89-04	Date: 01/29/89	Site: Point Beach
VII-89-38	Date: 08/14/89	Site: Point Beach
V-89-13	Date: 10/26/89	Site: Point Beach
VII-90-66	Date: 11/27/90	Site: Point Beach

Point Beach 12

X-79-05	Date: 08/10/79	Site: Power Operation Support Facility
---------	----------------	--

Power Operation Support Facility 1

IB-80-13	Date: 02/18/80	Site: Prairie Island
IB-85-14	Date: 09/07/85	Site: Prairie Island
IB-85-16	Date: 09/17/85	Site: Prairie Island
IB-86-42	Date: 11/29/86	Site: Prairie Island
VII-88-01	Date: 01/16/88	Site: Prairie Island
X-91-11	Date: 01/20/91	Site: Prairie Island
IB-91-26	Date: 08/20/91	Site: Prairie Island

Prairie Island 7

III-64-01	Date: 06/12/64	Site: Pratt and Whitney
-----------	----------------	-------------------------

Pratt and Whitney 1

IB-71-04	Date: 06/23/71	Site: Purdue University
IB-76-14	Date: 03/25/76	Site: Purdue University

Purdue University 2

IB-77-26	Date: 12/13/77	Site: Quad Cities
VII-79-02	Date: 07/02/79	Site: Quad Cities
V-79-07	Date: 12/03/79	Site: Quad Cities
III-80-03	Date: 07/11/80	Site: Quad Cities

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-80-73	Date: 12/15/80	Site: Quad Cities
IB-81-47	Date: 12/27/81	Site: Quad Cities
IB-82-36	Date: 09/15/82	Site: Quad Cities
VII-86-15	Date: 08/13/86	Site: Quad Cities
VII-90-15	Date: 02/20/90	Site: Quad Cities
VII-91-48	Date: 10/30/91	Site: Quad Cities

Quad Cities

10

X-76-06	Date: 06/02/76	Site: Rancho Seco
VII-80-05	Date: 12/05/80	Site: Rancho Seco
IB-82-28	Date: 04/23/82	Site: Rancho Seco
V-83-03	Date: 06/20/83	Site: Rancho Seco
IB-85-15	Date: 09/13/85	Site: Rancho Seco
VII-86-02	Date: 02/02/86	Site: Rancho Seco
IB-86-38	Date: 10/31/86	Site: Rancho Seco
VII-86-18	Date: 11/12/86	Site: Rancho Seco
X-87-04	Date: 02/12/87	Site: Rancho Seco
X-87-05	Date: 02/13/87	Site: Rancho Seco
IB-87-27	Date: 09/23/87	Site: Rancho Seco
IB-88-04	Date: 02/11/88	Site: Rancho Seco
IB-88-07	Date: 02/29/88	Site: Rancho Seco
IB-88-14	Date: 03/31/88	Site: Rancho Seco
VII-88-18	Date: 04/28/88	Site: Rancho Seco
VII-88-39	Date: 10/05/88	Site: Rancho Seco
VII-88-42	Date: 10/14/88	Site: Rancho Seco
VII-89-08	Date: 02/07/89	Site: Rancho Seco
VII-89-47	Date: 10/04/89	Site: Rancho Seco
X-89-35	Date: 10/26/89	Site: Rancho Seco
VII-90-02	Date: 01/04/90	Site: Rancho Seco
VII-90-19	Date: 03/12/90	Site: Rancho Seco
VII-91-25	Date: 06/05/91	Site: Rancho Seco

Rancho Seco

23

IB-79-59	Date: 07/25/79	Site: River Bend
IB-80-22	Date: 04/14/80	Site: River Bend
IB-80-23	Date: 04/15/80	Site: River Bend
IB-80-25	Date: 04/22/80	Site: River Bend
IB-81-09	Date: 03/02/81	Site: River Bend
IB-81-10	Date: 03/03/81	Site: River Bend
V-84-13	Date: 12/04/84	Site: River Bend
VII-85-10	Date: 08/01/85	Site: River Bend
IB-87-35	Date: 12/11/87	Site: River Bend
IB-88-03	Date: 02/09/88	Site: River Bend
VII-88-32	Date: 08/11/88	Site: River Bend
IB-88-28	Date: 09/20/88	Site: River Bend
IB-88-29	Date: 09/21/88	Site: River Bend
IB-88-31	Date: 09/23/88	Site: River Bend
IB-88-32	Date: 09/27/88	Site: River Bend
X-88-29	Date: 10/07/88	Site: River Bend
X-88-32	Date: 12/06/88	Site: River Bend

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

VII-88-56	Date: 12/28/88	Site: River Bend
VII-89-05	Date: 01/25/89	Site: River Bend
VII-89-11	Date: 02/24/89	Site: River Bend
VII-89-12	Date: 03/08/89	Site: River Bend
VII-89-13	Date: 03/09/89	Site: River Bend
VII-89-21	Date: 04/30/89	Site: River Bend
VII-89-25	Date: 06/02/89	Site: River Bend
VII-89-32	Date: 06/30/89	Site: River Bend
X-89-30	Date: 09/29/89	Site: River Bend
X-89-34	Date: 10/23/89	Site: River Bend
VII-90-07	Date: 01/26/90	Site: River Bend
VII-90-14	Date: 02/19/90	Site: River Bend
X-90-09	Date: 05/25/90	Site: River Bend
VII-90-47	Date: 09/11/90	Site: River Bend
IB-90-09	Date: 09/26/90	Site: River Bend
VII-90-55	Date: 10/16/90	Site: River Bend
VII-90-60	Date: 10/26/90	Site: River Bend
X-90-18	Date: 12/28/90	Site: River Bend
VII-91-05	Date: 01/25/91	Site: River Bend
VII-91-33	Date: 07/15/91	Site: River Bend
IB-91-27	Date: 08/23/91	Site: River Bend
VII-91-38	Date: 08/28/91	Site: River Bend
VII-91-58	Date: 12/24/91	Site: River Bend

River Bend

40

IB-80-58	Date: 09/11/80	Site: Robinson
IB-80-61	Date: 09/18/80	Site: Robinson
IB-80-62	Date: 09/20/80	Site: Robinson
VII-81-01	Date: 04/24/81	Site: Robinson
IB-81-42	Date: 11/30/81	Site: Robinson
IB-82-07	Date: 04/07/82	Site: Robinson
IB-84-06	Date: 02/10/84	Site: Robinson
X-87-09	Date: 07/22/87	Site: Robinson
VII-88-10	Date: 03/07/88	Site: Robinson
IB-89-06	Date: 03/05/89	Site: Robinson
X-89-27	Date: 09/20/89	Site: Robinson
X-90-07	Date: 04/23/90	Site: Robinson
X-91-01	Date: 01/04/91	Site: Robinson

Robinson

13

IB-77-13	Date: 04/06/77	Site: Salem
VII-79-03	Date: 07/22/79	Site: Salem
IB-79-60	Date: 07/30/79	Site: Salem
IB-79-73	Date: 10/10/79	Site: Salem
V-80-07	Date: 07/25/80	Site: Salem
V-80-08	Date: 09/10/80	Site: Salem
V-82-02	Date: 04/28/82	Site: Salem
X-82-02	Date: 05/01/82	Site: Salem
V-82-04	Date: 08/09/82	Site: Salem
V-82-05	Date: 08/16/82	Site: Salem

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

X-82-04	Date: 09/03/82	Site: Salem
IB-83-12	Date: 05/04/83	Site: Salem
IB-84-24	Date: 08/27/84	Site: Salem
VII-85-01	Date: 01/04/85	Site: Salem
IB-87-29	Date: 10/26/87	Site: Salem
IB-87-30	Date: 10/27/87	Site: Salem
X-91-15	Date: 01/31/91	Site: Salem

Salem

17

IB-72-17	Date: 08/00/72	Site: San Onofre
IB-72-26	Date: 10/20/72	Site: San Onofre
IB-73-05	Date: 06/19/73	Site: San Onofre
IB-74-14	Date: 07/24/74	Site: San Onofre
X-78-02	Date: 02/15/78	Site: San Onofre
IB-78-09	Date: 06/14/78	Site: San Onofre
IB-79-37	Date: 05/09/79	Site: San Onofre
IB-81-05	Date: 01/29/81	Site: San Onofre
IB-81-11	Date: 03/03/81	Site: San Onofre
IB-81-12	Date: 03/05/81	Site: San Onofre
IB-81-26	Date: 06/30/81	Site: San Onofre
IB-81-31	Date: 08/05/81	Site: San Onofre
IB-81-35	Date: 09/09/81	Site: San Onofre
IA-82-02	Date: 11/18/82	Site: San Onofre
VII-83-02	Date: 01/26/83	Site: San Onofre
X-84-01	Date: 11/24/84	Site: San Onofre
VII-85-05	Date: 05/11/85	Site: San Onofre
VII-86-10	Date: 04/21/86	Site: San Onofre
V-86-11	Date: 11/29/86	Site: San Onofre
V-86-12	Date: 12/02/86	Site: San Onofre
X-87-14	Date: 12/09/87	Site: San Onofre
V-88-07	Date: 11/25/88	Site: San Onofre
X-89-37	Date: 10/27/89	Site: San Onofre
X-90-02	Date: 02/07/90	Site: San Onofre
IB-91-07	Date: 01/23/91	Site: San Onofre
IB-91-14	Date: 02/06/91	Site: San Onofre
VII-91-09	Date: 02/23/91	Site: San Onofre
IB-91-28	Date: 08/30/91	Site: San Onofre
IB-91-29	Date: 10/25/91	Site: San Onofre

San Onofre

29

IB-82-34	Date: 08/03/82	Site: Seabrook
IB-86-04	Date: 01/23/86	Site: Seabrook
IB-86-18	Date: 05/14/86	Site: Seabrook
IB-86-21	Date: 06/24/86	Site: Seabrook
IB-86-27	Date: 08/24/86	Site: Seabrook
IB-86-35	Date: 09/26/86	Site: Seabrook
IB-86-36	Date: 10/09/86	Site: Seabrook
X-87-01	Date: 01/17/87	Site: Seabrook
IB-88-21	Date: 07/05/88	Site: Seabrook
IB-89-12	Date: 05/24/89	Site: Seabrook

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

X-89-13	Date: 05/30/89	Site: Seabrook
VII-89-31	Date: 06/23/89	Site: Seabrook
IB-90-01	Date: 02/20/90	Site: Seabrook
VII-90-28	Date: 04/30/90	Site: Seabrook
IB-90-03	Date: 05/17/90	Site: Seabrook
IB-90-05	Date: 06/17/90	Site: Seabrook
IB-90-06	Date: 07/17/90	Site: Seabrook

Seabrook

17

X-78-01	Date: 01/12/78	Site: Seaway Salvage Company
---------	----------------	------------------------------

Seaway Salvage Company

1

II-78-04	Date: 10/04/78	Site: Sequoyah
IB-79-13	Date: 02/26/79	Site: Sequoyah
IB-79-14	Date: 02/27/79	Site: Sequoyah
IB-79-16	Date: 03/01/79	Site: Sequoyah
IB-79-54	Date: 06/22/79	Site: Sequoyah
IB-79-62	Date: 08/04/79	Site: Sequoyah
II-80-02	Date: 03/04/80	Site: Sequoyah
IB-80-26	Date: 04/23/80	Site: Sequoyah
II-80-07	Date: 07/05/80	Site: Sequoyah
IB-80-50	Date: 08/01/80	Site: Sequoyah
IB-80-54	Date: 08/22/80	Site: Sequoyah
IB-80-69	Date: 11/22/80	Site: Sequoyah
IB-81-13	Date: 03/09/81	Site: Sequoyah
VI-84-02	Date: 02/23/84	Site: Sequoyah
IB-86-08	Date: 03/07/86	Site: Sequoyah
III-86-04	Date: 10/24/86	Site: Sequoyah
X-87-06	Date: 03/28/87	Site: Sequoyah
V-87-11	Date: 12/11/87	Site: Sequoyah
IB-88-25	Date: 09/07/88	Site: Sequoyah
VII-89-30	Date: 06/15/89	Site: Sequoyah

Sequoyah

20

X-86-03	Date: 01/30/86	Site: Sequoyah Fuels Corporation
X-86-04	Date: 02/23/86	Site: Sequoyah Fuels Corporation
X-89-01	Date: 01/16/89	Site: Sequoyah Fuels Corporation

Sequoyah Fuels Corporation

3

III-85-03	Date: 12/18/85	Site: Shadyside Hospital
-----------	----------------	--------------------------

Shadyside Hospital

1

IB-76-51	Date: 10/15/76	Site: Shippingport Power Plant
----------	----------------	--------------------------------

Shippingport Power Plant

1

IB-75-40	Date: 12/23/75	Site: Shoreham
----------	----------------	----------------

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-75-41	Date: 12/23/75	Site: Shoreham
X-76-10	Date: 08/27/76	Site: Shoreham
IB-77-14	Date: 04/27/77	Site: Shoreham
IB-77-15	Date: 05/10/77	Site: Shoreham
IB-78-04	Date: 03/10/78	Site: Shoreham
IB-83-02	Date: 01/19/83	Site: Shoreham
VII-84-05	Date: 06/03/84	Site: Shoreham
IB-85-02	Date: 01/23/85	Site: Shoreham
VII-85-02	Date: 02/20/85	Site: Shoreham
X-85-03	Date: 04/18/85	Site: Shoreham
IB-85-08	Date: 06/15/85	Site: Shoreham
IB-85-19	Date: 10/06/85	Site: Shoreham
IB-86-05	Date: 02/11/86	Site: Shoreham
IB-87-11	Date: 04/02/87	Site: Shoreham
IB-87-13	Date: 04/24/87	Site: Shoreham
IB-87-16	Date: 07/04/87	Site: Shoreham
IB-87-34	Date: 12/04/87	Site: Shoreham
X-89-18	Date: 06/27/89	Site: Shoreham
V-89-12	Date: 10/16/89	Site: Shoreham

Shoreham

20

V-78-01	Date: 05/29/78	Site: Skagit Units 1 and 2
---------	----------------	----------------------------

Skagit Units 1 and 2

1

IB-79-83	Date: 10/29/79	Site: South Texas
X-86-01	Date: 01/11/86	Site: South Texas
X-86-02	Date: 01/14/86	Site: South Texas
V-86-02	Date: 02/07/86	Site: South Texas
V-86-07	Date: 10/31/86	Site: South Texas
V-86-08	Date: 11/11/86	Site: South Texas
IB-86-41	Date: 11/15/86	Site: South Texas
V-87-02	Date: 01/14/87	Site: South Texas
IB-87-02	Date: 01/28/87	Site: South Texas
IB-88-06	Date: 02/18/88	Site: South Texas
X-88-06	Date: 03/16/88	Site: South Texas
IB-88-11	Date: 03/16/88	Site: South Texas
X-88-10	Date: 04/04/88	Site: South Texas
VII-88-20	Date: 06/06/88	Site: South Texas
IB-88-34	Date: 10/12/88	Site: South Texas
IB-89-24	Date: 12/14/89	Site: South Texas
VII-90-40	Date: 07/25/90	Site: South Texas
VII-90-44	Date: 08/21/90	Site: South Texas
VII-91-16	Date: 05/02/91	Site: South Texas
X-91-44	Date: 05/15/91	Site: South Texas
VII-91-36	Date: 08/13/91	Site: South Texas
VII-91-37	Date: 08/17/91	Site: South Texas

South Texas

22

III-87-02	Date: 04/01/87	Site: St. Francis Hospital
-----------	----------------	----------------------------

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

St. Francis Hospital				1
IB-78-13	Date: 07/07/78	Site: St. Lucie		
IB-79-68	Date: 09/22/79	Site: St. Lucie		
IB-80-12	Date: 02/13/80	Site: St. Lucie		
II-80-10	Date: 09/03/80	Site: St. Lucie		
IB-81-17	Date: 03/30/81	Site: St. Lucie		
IB-84-04	Date: 01/26/84	Site: St. Lucie		
X-84-02	Date: 12/04/84	Site: St. Lucie		
IB-88-05	Date: 02/14/88	Site: St. Lucie		
X-88-22	Date: 08/02/88	Site: St. Lucie		
V-89-01	Date: 02/07/89	Site: St. Lucie		
VII-89-15	Date: 03/22/89	Site: St. Lucie		
VII-89-39	Date: 08/14/89	Site: St. Lucie		
VII-89-55	Date: 11/11/89	Site: St. Lucie		
VII-90-21	Date: 03/12/90	Site: St. Lucie		
VII-90-20	Date: 03/12/90	Site: St. Lucie		
VII-90-31	Date: 05/06/90	Site: St. Lucie		
VII-90-45	Date: 08/24/90	Site: St. Lucie		
VII-90-51	Date: 10/01/90	Site: St. Lucie		
X-91-30	Date: 03/22/91	Site: St. Lucie		
St. Lucie				19
IA-72-01	Date: 11/07/72	Site: State University		
State University				1
III-86-01	Date: 01/13/86	Site: State of Alabama		
State of Alabama				1
IB-77-01	Date: 01/26/77	Site: Summer		
IB-77-16	Date: 05/19/77	Site: Summer		
IB-78-02	Date: 01/31/78	Site: Summer		
VI-78-01	Date: 12/13/78	Site: Summer		
V-78-02	Date: 12/13/78	Site: Summer		
IB-79-33	Date: 04/26/79	Site: Summer		
IB-79-36	Date: 04/30/79	Site: Summer		
IB-79-39	Date: 05/09/79	Site: Summer		
IB-79-46	Date: 05/30/79	Site: Summer		
IB-79-65	Date: 08/21/79	Site: Summer		
IB-79-67	Date: 09/17/79	Site: Summer		
IB-82-30	Date: 06/20/82	Site: Summer		
IB-82-41	Date: 11/03/82	Site: Summer		
IB-85-04	Date: 05/04/85	Site: Summer		
IB-86-40	Date: 11/11/86	Site: Summer		
Summer				15
IB-71-06	Date: 09/18/71	Site: Surry		
IB-72-01	Date: 01/20/72	Site: Surry		

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

V-79-01	Date: 05/07/79	Site: Surry
IB-79-38	Date: 05/09/79	Site: Surry
V-79-02	Date: 05/09/79	Site: Surry
IB-79-40	Date: 05/10/79	Site: Surry
IB-79-42	Date: 05/12/79	Site: Surry
IB-79-56	Date: 06/27/79	Site: Surry
IB-79-57	Date: 07/04/79	Site: Surry
IB-79-64	Date: 08/16/79	Site: Surry
VII-86-03	Date: 02/05/86	Site: Surry
IB-86-23	Date: 07/19/86	Site: Surry
IV-88-03	Date: 08/26/88	Site: Surry
X-88-26	Date: 09/23/88	Site: Surry
X-88-27	Date: 09/29/88	Site: Surry
VII-90-49	Date: 09/27/90	Site: Surry
VII-91-52	Date: 12/09/91	Site: Surry
X-91-59	Date: 12/17/91	Site: Surry

Surry

18

IB-76-06	Date: 02/04/76	Site: Susquehanna
IB-76-08	Date: 03/05/76	Site: Susquehanna
IB-76-10	Date: 03/08/76	Site: Susquehanna
IB-76-12	Date: 03/15/76	Site: Susquehanna
IB-76-13	Date: 03/16/76	Site: Susquehanna
IB-76-25	Date: 06/03/76	Site: Susquehanna
IB-79-24	Date: 03/31/79	Site: Susquehanna
IB-79-25	Date: 04/01/79	Site: Susquehanna
V-81-01	Date: 01/27/81	Site: Susquehanna
IB-83-16	Date: 06/23/83	Site: Susquehanna
V-83-06	Date: 07/26/83	Site: Susquehanna
IB-87-15	Date: 05/26/87	Site: Susquehanna
VII-89-50	Date: 10/26/89	Site: Susquehanna
VII-90-58	Date: 10/24/90	Site: Susquehanna
X-91-06	Date: 01/15/91	Site: Susquehanna
VII-91-04	Date: 01/23/91	Site: Susquehanna
VII-91-11	Date: 03/26/91	Site: Susquehanna

Susquehanna

17

IV-76-01	Date: 06/16/76	Site: Tennessee (TN)
----------	----------------	----------------------

Tennessee (TN)

1

IB-89-07	Date: 03/07/89	Site: Texas A and M University
----------	----------------	--------------------------------

Texas A and M University

1

X-91-56	Date: 10/31/91	Site: Texas Power Reactors
---------	----------------	----------------------------

Texas Power Reactors

1

IB-72-24	Date: 09/25/72	Site: Three Mile Island
----------	----------------	-------------------------

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-73-02	Date: 03/23/73	Site: Three Mile Island
IB-73-07	Date: 11/05/73	Site: Three Mile Island
II-76-01	Date: 01/27/76	Site: Three Mile Island
IB-77-04	Date: 03/01/77	Site: Three Mile Island
VII-78-01	Date: 05/18/78	Site: Three Mile Island
IV-79-02	Date: 11/20/79	Site: Three Mile Island
IB-79-92	Date: 12/07/79	Site: Three Mile Island
X-80-01	Date: 01/02/80	Site: Three Mile Island
V-80-04	Date: 03/01/80	Site: Three Mile Island
IB-80-20	Date: 03/27/80	Site: Three Mile Island
II-80-03	Date: 04/23/80	Site: Three Mile Island
II-80-08	Date: 07/07/80	Site: Three Mile Island
IB-80-40	Date: 07/09/80	Site: Three Mile Island
IB-80-43	Date: 07/15/80	Site: Three Mile Island
IB-81-21	Date: 04/17/81	Site: Three Mile Island
IB-83-36	Date: 11/10/83	Site: Three Mile Island
II-85-02	Date: 05/09/85	Site: Three Mile Island
X-89-11	Date: 04/01/89	Site: Three Mile Island

Three Mile Island

19

V-74-01	Date: 00/00/74	Site: Trojan
IB-75-25	Date: 11/03/75	Site: Trojan
IA-77-01	Date: 10/10/77	Site: Trojan
IA-78-72	Date: 09/11/78	Site: Trojan
IB-79-51	Date: 06/07/79	Site: Trojan
IB-80-08	Date: 01/26/80	Site: Trojan
IB-80-10	Date: 01/30/80	Site: Trojan
IB-80-11	Date: 02/02/80	Site: Trojan
IB-80-53	Date: 08/07/80	Site: Trojan
IB-81-02	Date: 01/19/81	Site: Trojan
IB-82-53	Date: 12/17/82	Site: Trojan
V-84-01	Date: 01/16/84	Site: Trojan
V-87-05	Date: 05/20/87	Site: Trojan
X-89-09	Date: 03/20/89	Site: Trojan
IB-89-09	Date: 03/21/89	Site: Trojan
VII-89-23	Date: 05/26/89	Site: Trojan
VII-89-40	Date: 08/27/89	Site: Trojan
X-89-28	Date: 09/26/89	Site: Trojan
VII-90-39	Date: 07/13/90	Site: Trojan
X-91-02	Date: 01/06/91	Site: Trojan
VII-91-41	Date: 09/27/91	Site: Trojan
VII-91-56	Date: 12/19/91	Site: Trojan

Trojan

22

IB-73-08	Date: 11/16/73	Site: Turkey Point
IB-76-11	Date: 03/09/76	Site: Turkey Point
IB-76-17	Date: 04/23/76	Site: Turkey Point
IB-76-35	Date: 08/12/76	Site: Turkey Point
IB-79-55	Date: 06/22/79	Site: Turkey Point
IB-80-30	Date: 05/18/80	Site: Turkey Point

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

VII-82-02	Date: 01/14/82	Site: Turkey Point	
IB-82-03	Date: 03/16/82	Site: Turkey Point	
IB-82-27	Date: 04/21/82	Site: Turkey Point	
IB-85-06	Date: 06/06/85	Site: Turkey Point	
IB-85-09	Date: 06/18/85	Site: Turkey Point	
VII-87-21	Date: 10/27/87	Site: Turkey Point	
VII-87-27	Date: 12/09/87	Site: Turkey Point	
VII-88-06	Date: 02/26/88	Site: Turkey Point	
IB-88-13	Date: 03/30/88	Site: Turkey Point	
VII-88-17	Date: 04/22/88	Site: Turkey Point	
VII-88-19	Date: 05/06/88	Site: Turkey Point	
VII-88-26	Date: 06/30/88	Site: Turkey Point	
VII-88-30	Date: 07/13/88	Site: Turkey Point	
VII-88-31	Date: 08/03/88	Site: Turkey Point	
VII-88-35	Date: 08/31/88	Site: Turkey Point	
VII-88-38	Date: 09/09/88	Site: Turkey Point	
VII-88-45	Date: 11/14/88	Site: Turkey Point	
VII-89-06	Date: 01/31/89	Site: Turkey Point	
X-89-06	Date: 02/10/89	Site: Turkey Point	
VII-89-16	Date: 03/26/89	Site: Turkey Point	
VII-89-26	Date: 06/06/89	Site: Turkey Point	
VII-89-28	Date: 06/13/89	Site: Turkey Point	
IB-89-19	Date: 09/04/89	Site: Turkey Point	
X-89-33	Date: 10/23/89	Site: Turkey Point	
VII-89-59	Date: 12/14/89	Site: Turkey Point	
VII-90-11	Date: 02/15/90	Site: Turkey Point	
VII-90-16	Date: 02/22/90	Site: Turkey Point	
VII-90-48	Date: 09/17/90	Site: Turkey Point	
VII-90-61	Date: 10/26/90	Site: Turkey Point	
VII-90-68	Date: 12/02/90	Site: Turkey Point	
IB-91-08	Date: 01/23/91	Site: Turkey Point	
IB-91-11	Date: 01/25/91	Site: Turkey Point	
VII-91-26	Date: 06/10/91	Site: Turkey Point	
VII-91-29	Date: 06/21/91	Site: Turkey Point	
VII-91-31	Date: 07/05/91	Site: Turkey Point	
VII-91-34	Date: 07/17/91	Site: Turkey Point	
X-91-50	Date: 07/31/91	Site: Turkey Point	
VII-91-57	Date: 12/23/91	Site: Turkey Point	
Turkey Point			44
III-87-04	Date: 07/16/87	Site: U.S. Air Force	
U.S. Air Force			1
X-91-20	Date: 02/19/91	Site: U.S. Embassy	
U.S. Embassy			1
II-74-03	Date: 09/04/74	Site: U.S. Nuclear Corporation	
VII-77-01	Date: 02/06/77	Site: U.S. Nuclear Corporation	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

U.S. Nuclear Corporation			2
X-89-25	Date: 08/30/89	Site: U.S. Nuclear Power Plants	
U S. Nuclear Power Plants			1
X-76-07	Date: 06/16/76	Site: Union Carbide Corporation	
Union Carbide Corporation			1
IB-69-01	Date: 03/01/69	Site: United Nuclear Corporation	
IB-70-01	Date: 04/22/70	Site: United Nuclear Corporation	
III-70-03	Date: 06/15/70	Site: United Nuclear Corporation	
IB-70-04	Date: 11/04/70	Site: United Nuclear Corporation	
IB-70-05	Date: 11/06/70	Site: United Nuclear Corporation	
IB-71-07	Date: 10/13/71	Site: United Nuclear Corporation	
X-72-01	Date: 03/23/72	Site: United Nuclear Corporation	
II-74-02	Date: 05/27/74	Site: United Nuclear Corporation	
III-75-02	Date: 08/28/75	Site: United Nuclear Corporation	
III-78-02	Date: 10/25/78	Site: United Nuclear Corporation	
IB-79-45	Date: 05/26/79	Site: United Nuclear Corporation	
VII-80-03	Date: 05/01/80	Site: United Nuclear Corporation	
IB-80-71	Date: 12/12/80	Site: United Nuclear Corporation	
IB-81-15	Date: 03/15/81	Site: United Nuclear Corporation	
IB-81-33	Date: 08/19/81	Site: United Nuclear Corporation	
IB-81-37	Date: 10/01/81	Site: United Nuclear Corporation	
VII-82-07	Date: 08/25/82	Site: United Nuclear Corporation	
II-85-01	Date: 03/20/85	Site: United Nuclear Corporation	
VII-86-12	Date: 05/16/86	Site: United Nuclear Corporation	
United Nuclear Corporation			19
IB-87-09	Date: 03/12/87	Site: University of Arizona	
University of Arizona			1
IB-82-43	Date: 11/22/82	Site: University of California at Los Angeles	
University of California at Los Angeles			1
III-68-04	Date: 09/20/68	Site: University of Florida	
University of Florida			1
III-87-03	Date: 06/02/87	Site: University of Michigan	
University of Michigan			1
IA-78-01	Date: 09/01/78	Site: University of New Mexico	
University of New Mexico			1

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

IB-79-35	Date: 04/30/79	Site: University of Southern California	
University of Southern California			1
IB-80-15	Date: 02/27/80	Site: University of Utah	
IB-91-16	Date: 02/21/91	Site: University of Utah	
University of Utah			2
IB-83-05	Date: 02/10/83	Site: University of Wisconsin	
University of Wisconsin			1
III-69-01	Date: 03/00/69	Site: Unknown location	
Unknown location			1
IB-75-07	Date: 04/16/75	Site: Unspecified Plant in New York	
IB-75-13	Date: 08/21/75	Site: Unspecified Plant in New York	
Unspecified Plant in New York			2
II-71-01	Date: 08/30/71	Site: Vermont Yankee	
IB-82-31	Date: 06/24/82	Site: Vermont Yankee	
II-85-04	Date: 09/20/85	Site: Vermont Yankee	
V-86-01	Date: 01/09/86	Site: Vermont Yankee	
X-87-02	Date: 01/19/87	Site: Vermont Yankee	
X-89-45	Date: 12/10/89	Site: Vermont Yankee	
X-90-08	Date: 04/28/90	Site: Vermont Yankee	
IB-90-11	Date: 12/25/90	Site: Vermont Yankee	
X-91-28	Date: 03/19/91	Site: Vermont Yankee	
IB-91-19	Date: 05/07/91	Site: Vermont Yankee	
Vermont Yankee			10
X-79-06	Date: 10/25/79	Site: Vernon County Sheriff's Department	
Vernon County Sheriff's Department			1
IB-83-27	Date: 09/01/83	Site: Vogtle	
IB-83-30	Date: 10/08/83	Site: Vogtle	
IB-84-09	Date: 03/05/84	Site: Vogtle	
IB-84-12	Date: 03/15/84	Site: Vogtle	
IB-84-15	Date: 03/29/84	Site: Vogtle	
IB-85-07	Date: 06/13/85	Site: Vogtle	
IB-85-20	Date: 07/21/85	Site: Vogtle	
IB-86-02	Date: 01/11/86	Site: Vogtle	
V-86-10	Date: 11/17/86	Site: Vogtle	
IB-87-14	Date: 05/13/87	Site: Vogtle	
X-87-07	Date: 05/28/87	Site: Vogtle	
IB-87-24	Date: 09/14/87	Site: Vogtle	
IB-87-25	Date: 09/15/87	Site: Vogtle	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

IB-88-16	Date: 04/08/88	Site: Vogtle	
IB-88-17	Date: 04/19/88	Site: Vogtle	
VII-88-24	Date: 06/21/88	Site: Vogtle	
If 88-22	Date: 07/07/88	Site: Vogtle	
V-88-02	Date: 07/22/88	Site: Vogtle	
IB-88-30	Date: 09/22/88	Site: Vogtle	
X-88-30	Date: 10/27/88	Site: Vogtle	
X-88-31	Date: 12/05/88	Site: Vogtle	
VII-89-02	Date: 01/17/89	Site: Vogtle	
X-89-08	Date: 03/15/89	Site: Vogtle	
VII-89-20	Date: 04/27/89	Site: Vogtle	
X-89-31	Date: 10/04/89	Site: Vogtle	
V-89-11	Date: 10/10/89	Site: Vogtle	
X-90-04	Date: 03/14/90	Site: Vogtle	
VII-91-39	Date: 09/06/91	Site: Vogtle	
VII-91-46	Date: 10/14/91	Site: Vogtle	
VII-91-47	Date: 10/17/91	Site: Vogtle	
Vogtle			30
III-73-01	Date: 11/19/73	Site: Walter Reed Hospital	
Walter Reed Hospital			1
III-86-02	Date: 08/15/88	Site: Washington Hospital Center	
Washington Hospital Center			1
IB-77-17	Date: 06/01/77	Site: Washington Nuclear	
IB-81-18	Date: 04/01/81	Site: Washington Nuclear	
IB-84-20	Date: 05/16/84	Site: Washington Nuclear	
VII-87-16	Date: 08/22/87	Site: Washington Nuclear	
VII-87-17	Date: 08/24/87	Site: Washington Nuclear	
V-89-02	Date: 02/24/89	Site: Washington Nuclear	
VII-89-48	Date: 10/05/89	Site: Washington Nuclear	
X-91-54	Date: 10/16/91	Site: Washington Nuclear	
Washington Nuclear			8
VII-78-03	Date: 11/28/78	Site: Washington, PA	
Washington, PA			1
IB-76-54	Date: 11/03/76	Site: Waterford	
IB-76-53	Date: 11/03/76	Site: Waterford	
IB-77-09	Date: 03/31/77	Site: Waterford	
IB-77-11	Date: 03/31/77	Site: Waterford	
IB-77-10	Date: 03/31/77	Site: Waterford	
IB-77-12	Date: 04/01/77	Site: Waterford	
IB-78-19	Date: 09/29/78	Site: Waterford	
IB-78-20	Date: 09/29/78	Site: Waterford	
IB-78-24	Date: 11/22/78	Site: Waterford	

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-78-25	Date: 11/27/78	Site: Waterford
IB-78-27	Date: 12/21/78	Site: Waterford
IB-79-01	Date: 01/11/79	Site: Waterford
VI-82-03	Date: 07/12/82	Site: Waterford
IB-88-35	Date: 11/10/88	Site: Waterford

Waterford

14

V-79-04	Date: 06/25/79	Site: Watts Bar
V-79-06	Date: 10/16/79	Site: Watts Bar
IB-80-16	Date: 03/04/80	Site: Watts Bar
IB-81-23	Date: 05/07/81	Site: Watts Bar
IB-83-04	Date: 02/04/83	Site: Watts Bar
IB-84-08	Date: 02/17/84	Site: Watts Bar
V-84-04	Date: 03/06/84	Site: Watts Bar
IB-84-13	Date: 03/22/84	Site: Watts Bar
IB-85-21	Date: 10/28/85	Site: Watts Bar
IB-86-31	Date: 09/09/86	Site: Watts Bar
IB-87-17	Date: 07/08/87	Site: Watts Bar
X-88-15	Date: 06/09/88	Site: Watts Bar

Watts Bar

12

III-67-01	Date: 01/00/67	Site: Wayne State University
-----------	----------------	------------------------------

Wayne State University

1

III-62-01	Date: 04/26/62-	Site: Westinghouse Corporation (Cheswick)
III-71-04	Date: 07/00/71	Site: Westinghouse Corporation (Cheswick)

Westinghouse Corporation (Cheswick)

2

IB-74-07	Date: 04/17/74	Site: Westinghouse Corporation (Columbia)
IB-75-23	Date: 10/14/75	Site: Westinghouse Corporation (Columbia)
IB-76-05	Date: 02/03/76	Site: Westinghouse Corporation (Columbia)
IB-77-02	Date: 02/10/77	Site: Westinghouse Corporation (Columbia)
IB-77-21	Date: 10/29/77	Site: Westinghouse Corporation (Columbia)
IB-77-24	Date: 11/14/77	Site: Westinghouse Corporation (Columbia)
IB-80-31	Date: 05/19/80	Site: Westinghouse Corporation (Columbia)
III-82-01	Date: 11/17/82	Site: Westinghouse Corporation (Columbia)
III-83-01	Date: 12/01/83	Site: Westinghouse Corporation (Columbia)
IB-86-19	Date: 05/16/86	Site: Westinghouse Corporation (Columbia)
IV-88-02	Date: 08/11/88	Site: Westinghouse Corporation (Columbia)

Westinghouse Corporation (Columbia)

11

IB-80-05	Date: 01/25/80	Site: Westinghouse Corporation (Zion)
IB-83-35	Date: 10/25/83	Site: Westinghouse Corporation (Zion)

Westinghouse Corporation (Zion)

2

III-68-01	Date: 01/02/68	Site: Westinghouse Corporation, PA
-----------	----------------	------------------------------------

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
 PRE-NRC THROUGH DECEMBER 31, 1991
 (VOL. 1 AND VOL. 2)

Westinghouse Corporation, PA 1
 IV-77-01 Date: 08/29/77 Site: Wheeling, WV

Wheeling, WV 1

IB-78-18 Date: 09/18/78 Site: Wolf Creek
 IB-79-50 Date: 05/31/79 Site: Wolf Creek
 IB-79-58 Date: 07/12/79 Site: Wolf Creek
 IB-79-61 Date: 07/30/79 Site: Wolf Creek
 IB-79-69 Date: 09/22/79 Site: Wolf Creek
 IB-79-70 Date: 09/27/79 Site: Wolf Creek
 IB-79-72 Date: 10/08/79 Site: Wolf Creek
 IB-79-74 Date: 10/11/79 Site: Wolf Creek
 IB-79-77 Date: 10/16/79 Site: Wolf Creek
 IB-79-78 Date: 10/19/79 Site: Wolf Creek
 IB-79-79 Date: 10/23/79 Site: Wolf Creek
 IB-79-82 Date: 10/25/79 Site: Wolf Creek
 IB-79-88 Date: 11/14/79 Site: Wolf Creek
 IB-80-01 Date: 01/08/80 Site: Wolf Creek
 IB-80-02 Date: 01/11/80 Site: Wolf Creek
 V-80-06 Date: 04/21/80 Site: Wolf Creek
 VII-87-22 Date: 10/28/87 Site: Wolf Creek
 IB-88-02 Date: 01/20/88 Site: Wolf Creek
 X-89-41 Date: 11/17/89 Site: Wolf Creek
 X-89-43 Date: 12/08/89 Site: Wolf Creek
 X-89-47 Date: 12/14/89 Site: Wolf Creek
 X-91-07 Date: 01/15/91 Site: Wolf Creek
 X-91-19 Date: 02/12/91 Site: Wolf Creek
 X-91-35 Date: 04/10/91 Site: Wolf Creek
 X-91-39 Date: 05/03/91 Site: Wolf Creek
 VII-91-49 Date: 11/09/91 Site: Wolf Creek
 VII-91-50 Date: 11/09/91 Site: Wolf Creek
 X-91-60 Date: 12/17/91 Site: Wolf Creek

Wolf Creek 28

X-89-23 Date: 08/07/89 Site: Wyoming

Wyoming 1

IB-71-01 Date: 02/16/71 Site: Yankee-Rowe
 IB-71-03 Date: 03/12/71 Site: Yankee-Rowe
 IB-88-20 Date: 06/16/88 Site: Yankee-Rowe
 X-89-15 Date: 06/02/89 Site: Yankee-Rowe
 VII-90-33 Date: 05/19/90 Site: Yankee-Rowe
 X-90-17 Date: 12/26/90 Site: Yankee-Rowe

Yankee-Rowe 6

IB-80-24 Date: 04/18/80 Site: Yellow Creek
 IB-80-28 Date: 05/06/80 Site: Yellow Creek

INDEX TO SAFEGUARDS SUMMARY EVENT LIST
PRE-NRC THROUGH DECEMBER 31, 1991
(VOL. 1 AND VOL. 2)

IB-80-41	Date: 07/09/80	Site: Yellow Creek	
Yellow Creek			3
X-78-03	Date: 03/25/78	Site: Yonkers, NY	
Yonkers, NY			1
IB-79-47	Date: 05/30/79	Site: Zimmer	
VII-80-01	Date: 01/21/80	Site: Zimmer	
IB-80-33	Date: 05/22/80	Site: Zimmer	
IB-80-34	Date: 05/23/80	Site: Zimmer	
IB-82-05	Date: 03/22/82	Site: Zimmer	
VII-84-01	Date: 02/07/84	Site: Zimmer	
Zimmer			6
V-74-02	Date: 00/00/74	Site: Zion	
IB-74-17	Date: 00/00/74	Site: Zion	
IB-74-15	Date: 08/11/74	Site: Zion	
IB-75-03	Date: 03/08/75	Site: Zion	
VII-75-04	Date: 05/27/75	Site: Zion	
IB-75-15	Date: 09/01/75	Site: Zion	
X-76-05	Date: 05/12/76	Site: Zion	
II-76-03	Date: 07/18/76	Site: Zion	
II-76-05	Date: 10/03/76	Site: Zion	
IB-80-06	Date: 01/25/80	Site: Zion	
IB-80-64	Date: 10/03/80	Site: Zion	
IB-81-06	Date: 02/04/81	Site: Zion	
X-82-01	Date: 01/28/82	Site: Zion	
X-82-03	Date: 05/05/82	Site: Zion	
IB-83-17	Date: 07/01/83	Site: Zion	
IB-83-33	Date: 10/20/83	Site: Zion	
IB-84-26	Date: 10/08/84	Site: Zion	
X-87-03	Date: 01/30/87	Site: Zion	
VII-87-05	Date: 04/14/87	Site: Zion	
X-88-12	Date: 05/11/88	Site: Zion	
X-89-24	Date: 08/17/89	Site: Zion	
V-89-10	Date: 10/06/89	Site: Zion	
IB-91-09	Date: 01/23/91	Site: Zion	
IB-91-21	Date: 05/21/91	Site: Zion	
Zion			24

BIBLIOGRAPHIC DATA SHEET

(See instructions on the reverse)

2. TITLE AND SUBTITLE

Safeguards Summary Event List (SSEL)
January 1, 1990 Through December 31, 1991

NUREG-0525, Vol. 2

3. DATE REPORT PUBLISHED

MONTH YEAR
Ju 1992

4. FIN OR GRANT NUMBER

5. AUTHOR(S)

J. Yardumian, M. Fadden

6. TYPE OF REPORT

Information Listing

7. PERIOD COVERED (Inclusive Dates)

8. PERFORMING ORGANIZATION - NAME AND ADDRESS (If NRC, provide Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address; if contractor, provide name and mailing address.)

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

9. SPONSORING ORGANIZATION - NAME AND ADDRESS (If NRC, type "Same as above" if contractor, provide NRC Division, Office or Region, U.S. Nuclear Regulatory Commission, and mailing address.)

Same as 8 above.

10. SUPPLEMENTARY NOTES

11. ABSTRACT (200 words or less)

The Safeguards Summary Event List provides brief summaries of hundreds of safeguards-related events involving nuclear material or 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, non-radiological sabotage, and miscellaneous. Because of the public interest, the miscellaneous section also includes events reported involving source material, byproduct material, and natural uranium, which are exempt from safeguards requirements. Information in the event descriptions was obtained from official NRC reports.

12. KEY WORDS/DESCRIPTORS (List words or phrases that will assist researchers in locating the report.)

Safeguards Events
Reactors
Fuel Cycle Facilities
Bomb Threats

13. AVAILABILITY STATEMENT

Unlimited

14. SECURITY CLASSIFICATION

(This Page)

Unclassified

(This Report)

Unclassified

15. NUMBER OF PAGES

16. PRICE

THIS DOCUMENT WAS PRINTED USING RECYCLED PAPER