



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
799 ROOSEVELT ROAD
GLEN ELLYN, ILLINOIS 60137

TIC

MAY 8 1980

State of Illinois
Department of Public Health
ATTN: Mr. Gary N. Wright, Chief
Division of Nuclear Safety
535 West Jefferson Street
Springfield, IL 62761

Gentlemen:

The enclosed IE Information Notice No. 80-18 titled "Possible Weapons Smuggling Pouch" was sent to the following licensees on May 6, 1980:

American Electric Power Company
Cook 1, 2 (50-315, 50-316)

Commonwealth Edison Company
Dresden 1, 2, 3 (50-10, 50-237, 50-249)
Quad-Cities 1, 2 (50-254, 50-265)
Zion 1, 2 (50-295, 50-304)

Consumers Power Company
Big Rock Point (50-155, 50-255)

Dairyland Power Cooperative
LACBWR (50-409)

Iowa Electric Light & Power Company
Duane Arnold (50-331)

Northern States Power Company
Monticello (50-263)
Prairie Island (50-282, 50-306)

Toledo Edison Company
Davis-Besse 1 (50-346)

Wisconsin Electric Power Company
Point Beach 1, 2 (50-266, 50-301)

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Wisconsin Public Service Corp.
Kewanunee (50-305)

Allied Chemical Corporation
Docket No. 40-3392

Battelle Memorial Institute
Docket No. 70-08

Combustion Engineering, Inc.
Docket No. 70-36

General Electric Company
Docket No. 70-1308, 70-1309, 70-1220

Goodyear Aerospace Corporation
Docket No. 70-01489

Kerr-McGee Nuclear Corporation
Docket No. 70-925, 70-1193

Purdue University
Docket No. 70-152

Abbott Laboratories
License No. 12-00621-03

Advanced Medical Systems, Inc.
License No. 34-190-89-01

Allied Chemical Corporation
License No. 12-11286-01

Amersham Searle
License No. 12-12836/01

Atomic Disposal Co. Inc.
License No. 12-11286-01

Honeywell, Inc.
License No. 40-7982

Kay-Ray, Inc.
License No. 12-11184-01

Kerr-McGee Chemical Corporation
License No. 40-2061

Mallinckrodt Inc.
License No. 24-4206-01

Medi-Physics, Inc.
License No. 12-13813-01

Minnesota Mining & Manufacturing Company
License No. 22-00057-06

Monsanto Research Corp.
License No. 70-572

Nuclear Engineering Co.
License No. 13-10042-01

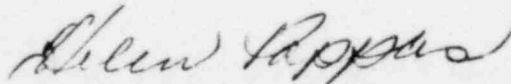
Nuclear Pharmacy, Inc.
License No. 12-18044-01MD

Nuclear Pharmacy, Inc.
License No. 48-17466-01MD

Parkwell Laboratories
License No. 34-13517-01

Pharmaco Nuclear, Inc.
License No. 24-16617-01MD

Picker Corporation
License No. 34-07225-09



Helen Pappas, Chief
Administrative Branch

Enclosure: IE Information
Notice No. 80-18

cc w/encl:
Mr. D. W. Kane,
Sargent & Lundy
Central Files
Reproduction Unit NRC 20b
PDR
Local PDR
NSIC
TIC

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF INSPECTION AND ENFORCEMENT
WASHINGTON, D.C. 20555

SSINS No. 6870
Accessions No.:
8002280673

May 5, 1980

DUPLICATE

IE Information Notice No. 80-18

POSSIBLE WEAPONS SMUGGLING POUCH

The NRC recently received information concerning a device used for smuggling that can preclude detection of weapons by security X-ray machines. The device is described as a gray, metalfoil pouch measuring approximately 20" x 12" which can be folded to wallet size when not in use. When in use, X-ray images produce only a mottled picture with no indications of a solid mass such as that of a weapon or similar contraband.

The same material used to construct the pouch has been used to line hollow compartments of hand-carried packages and parcels such as attache and cosmetic cases.

The pouch is reported to look something like a leadlined pouch sold in the U.S. to protect film from harmful X-ray effect, except that the U.S. manufactured pouch distinctly reveals the silhouette of any solid mass content such as that produced by a gun when subjected to X-ray.

IE Information Notice No. 80-18
May 5, 1980

Enclosure

RECENTLY ISSUED
IE INFORMATION NOTICES

Information Notice No.	Subject	Date Issued	Issued To
80-17	Potential Hazards Associated With Interchangeable Parts On Radiographic Equipment	5/5/80	All radiography Licenses
80-16	Shaft Seal Packing Causes Binding In Main Steam Swing Check And Isolation Valves	4/29/80	All power reactor facilities in your Region with an OL or CP
80-15	Axial (Longitudinal) Oriented Cracking In Piping	4/21/80	All Light Water Reactor Facilities holding power reactor OLs or CPs
80-14	Safety Suggestions From Employees	4/2/80	All power reactor facilities with an OL or CP
80-13	General Electric Type SBM Control Switches - Defective Cam Followers	4/2/80	All light water reactor facilities holding power reactor OLs or CPs
80-12	Instrument Failure Causes Opening of PORV and Block Valve	3/31/80	All holders of power reactor OLs and CPs
80-11	General Problems with ASCO Valves in Nuclear Application Including Fire Protection Systems	3/14/80	All holders of Reactor OL, CP, fuel fabrication and processing facilities
80-10	Partial Loss of Non-Nuclear Instrument System Power Supply During Operation	3/7/80	All power reactor facilities holding OLs and CPs
80-09	Possible Occupational Health Hazard Associated with Closed Cooling Systems	3/7/80	All holders of power reactor OLs and near term CPs
80-08	The States Company Sliding Link Electrical Terminal Block	3/7/80	All power reactor facilities with an OL or a CP