



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

May 5, 1980

Docket No. 70-687

Union Carbide Corporation
ATTN: Mr. James J. McGovern
Production Manager, Radiochemicals
P. O. Box 324
Tuxedo, New York 10987

Gentlemen:

The enclosed IE Information Notice No. 80-18, "Possible Weapons Smuggling Pouch," is forwarded to you for information. No written response is required. If you desire additional information regarding this matter, please contact this office.

Sincerely,


Robert V. Grier
Director

Enclosures:

1. IE Information Notice No. 80-18
2. List of Recently Issued IE Information Notices

CONTACT: J. W. Devlin
(215-337-5225)

cc w/encls:

M. H. Voth, Manager Nuclear Operations
W. G. Ruzicka, Reactor Project Engineer
C. Konnerth, Health Physicist
R. Bollinger, Vice President, Medical Products Division

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ENCLOSURE 1

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

SSINS No. 6870
Accessions No.:
8002280673

Dupe.

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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.

This Information Notice is provided as an early notification of a possible significant matter. It is expected that recipients will review the information for possible applicability to their facilities. No specific action or response is requested at this time. If further NRC evaluations so indicate, an IE Circular or Bulletin will be issued to recommend or request specific licensee actions. If you have questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

ENCLOSURE 2

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RECENTLY ISSUED IE INFORMATION NOTICES

Information Notice No.	Subject	Date Issued	Issued to
80-09	Possible Occupational Health Hazard Associated with Closed Cooling Systems for Operating Power Plants	3/7/80	All Power Reactor Facilities with an Operating License (OL) or Construction Permit (CP) and applicants for a CP
80-10	Partial Loss of Non-Nuclear Instrument System Power Supply During Operation	3/7/80	All Power Reactor Facilities with an OL or CP
80-11	Generic Problems With ASCO Valves in Nuclear Applications including Fire Protection Systems	3/14/80	All Power Reactor Facilities with an OL or CP, Fuel Fabrication and Processing Facilities
80-12	Instrument Failure Causes Opening of PORV and Block Valve	3/31/80	All Power Reactor Facilities with an OL or CP
80-13	General Electric Type SBM Control Switches - Defective CAM Followers	4/2/80	All Power Reactor Facilities with an OL or CP
80-14	Safety Suggestions from Employees	4/2/80	All Power Reactor Facilities with an OL or CP, Fuel Fabrication and Processing Facilities and Materials Priority 1 Licensees
80-15	Axial (Longitudinal) Oriented Cracking in Piping	4/21/80	All Power Reactor Facilities with an OL or CP
80-16	Shaft Seal Packing Causes Binding in Main Steam Swing Check and Isolation Valves	5/5/80	All Power Reactor Facilities with an OL or CP
80-17	Potential Hazards Associated With Interchangeable Parts On Radiographic Equipment	5/5/80	All Radiographic Licensees