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

Docket No. 70-33

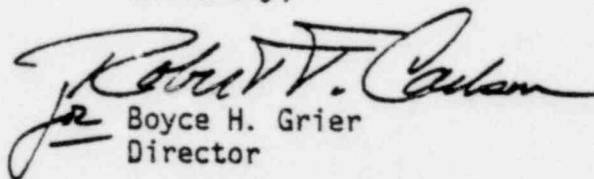
May 5, 1980

Texas Instruments Incorporated
ATTN: Mr. William K. Goetz
Manufacturing Manager,
Metal Systems Department
34 Forest Street
Attleboro, Massachusetts 02703

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,


Boyce H. 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:

W. George, Assistant Vice President and Manager,
Metallurgical Materials Division
F. L. Sherman, Manager, HFIR Project

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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

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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, metal foil 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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Date: May 5, 1980
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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 |