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

AUG 13 1979

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 Circular No. 79-15 titled "Bursting of High Pressure Hose and Malfunction of relief valve "O" Ring in Certain Self-Contained Breathing Apparatus was sent to the following licensees on August 8, 1979 for information:

American Electric Power Service Corporation
Indiana and Michigan Power Company
D. C. 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)
Palisades (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 1, 2 (50-282, 50-306)

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

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

Wisconsin Public Service Corporation
Kewaunee (50-305)

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Allied Chemical Corporation
(SUB-526)

Battelle Memorial Institute
(70-08)

Combustion Engineering, Inc.
(70-36)

General Electric Company
(70-1308, 70-1309, 70-1220)

Goodyear Aerospace Corporation
(70-01489)

Kerr-McGee Nuclear Corporation
(70-925, 70-1193)

Purdue University
(70-152)

Parkwell Laboratories
(SNM-1347)

Amersham Searle
(12-12836-01)

Picker Corporation
(34-07225-09)

Minnesota Mining and Manufacturing Company
(22-00057-06)

Monsanto Research Corporation
(SNM-567)

Mallinckrodt Incorporated
(24-04206-01)

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Abbott Laboratories
(12-00621-03)

Cerac, Incorporated
(STB-1027)

Sincerely,

for Paul J. Smith
Helen Pappas, Chief
Administrative Branch

Enclosures:

1. IE Circular 79-15
2. List of IE Circulars
Issued in Last
Six Months

cc w/encls:

Central Files
Reproduction Unit NRC 20b
Local PDR
NSIC
TIC
D. W. Kane, Sargent
and Lundy

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

August 8, 1979

IE Circular No. 79-15

BURSTING OF HIGH PRESSURE HOSE AND MALFUNCTION OF RELIEF VALVE AND "O"-RING
IN CERTAIN SELF-CONTAINED BREATHING APPARATUS

Description of Circumstances:

The Nuclear Regulatory Commission (NRC) has been informed by mailgram (copy enclosed) from the National Institute of Occupational Safety and Health (NIOSH) of occurrences of bursting of the high-pressure hose assembly, and malfunction of the relief valve and of the "O"-Ring in the main line assembly of the SurvivAir Mark I self-contained breathing apparatus. Anyone of these failures would result in immediate loss of air supply to a user.

Licensees who use the SurvivAir Mark I SCBA should:

1. Discontinue use of the apparatus until the units have been inspected by the manufacturer and all necessary repairs or replacements have been made.
2. Contact the manufacturer or supplier of the equipment for instructions on arranging for inspection and repair.

No written response to this circular is required. If you require additional information regarding this subject, please contact the office specified in the enclosed mailgram.

Enclosure:
Mailgram

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DUPLICATE DOCUMENT

Entire document previously entered
into system under:

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