



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

OCT 31 1980

Those on Attached Address Listing:

The enclosed IE Information Notice No. 80-39 provides early notification of an event that may have safety significance. Accordingly, you should review the Information Notice for possible applicability to your facility.

No specific action or response is requested at this time; however, contingent upon the results of further staff evaluation, a Bulletin or Circular recommending or requesting specific licensee actions may be issued. If you have questions regarding this matter, please contact me.

Sincerely,

Charles E. Norelius

for James G. Keppler
Director

Enclosure: IE Information
Notice No. 80-39

cc w/encl:
Mr. D. W. Kane,
Sargent & Lundy
Reproduction Unit NRC 20b

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RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket No. 50-341

The Detroit Edison Company
ATTN: Mr. Edward Hines, Assistant
Vice President and Manager
Quality Assurance
2000 Second Avenue
Detroit, MI 48226


cc w/encl:
Central Files
Director, NRR/DPM
Director, NRR/DOR
AEOD
Resident Inspector, RIII
PDR
Local PDR
NSIC
TIC
Ronald Callen, Michigan Public
Service Commission
Eugene B. Thomas, Jr.,
Attorney

Docket No. 50-461

Docket No. 50-462

Illinois Power Company
ATTN: Mr. W. C. Gerstner
Executive Vice President
500 South 27th Street
Decatur, IL 62525

cc w/encl:
~~C~~entral Files
Director, NRR/DPM
Director, NRR/DOR
PDR
Local PDR
NSIC
TIC
Mr. Dean Hansell, Office of
Assistant Attorney General
Mr. Gary N. Wright, Chief
Division of Nuclear Safety



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CONSTRUCTION
PERMIT DIVISION
NOV 10 1980

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket No. 50-331

Iowa Electric Light and Power
Company

ATTN: Mr. Duane Arnold
President

IE Towers
P. O. Box 351
Cedar Rapids, IA 52406

cc w/encl:

D. Mineck, Chief
Engineer

Central Files

Director, NRR/DPM

Director, NRR/DOR

AEOD

Resident Inspector, RIII

PDR

Local PDR

NSIC

TIC

Docket No. 50-367

Northern Indiana Public Service
Company

ATTN: Mr. Eugene M. Shorb
Senior Vice President

5265 Hohman Avenue
Hammond, IN 46325

cc w/encl:

Central Files

Director, NRR/DPM

Director, NRR/DOR

PDR

Local PDR

NSIC

TIC

Mr. Dean Hansell, Office of
Assistant Attorney General

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket No. 50-263
Docket No. 50-282
Docket No. 50-306

Northern States Power Company
ATTN: Mr. Dennis E. Gilberts
Vice President
Power Production and System
Operation
414 Nicollet Mall
Minneapolis, MN 55401

cc w/encl:

Mr. W. A. Shamla,
Plant Manager
Mr. F. P. Tierney, Jr.,
Plant Manager
Central Files
Director, NRR/DPM
Director, NRR/DOR
AEOD

Resident Inspectors, RIII
PDR
Local PDR
NSIC
TIC
John W. Ferman, Ph.D.,
Nuclear Engineer, MPCA

Docket No. 50-546
Docket No. 50-547

Public Service of Indiana
ATTN: Mr. S. W. Shields
Senior Vice President
Nuclear Division
Post Office Box 190
New Washington, IN 47162

cc w/encl:

Mr. Steve J. Brewer, Nuclear
Safety and Licensing Supervisor
Central Files
Director, NRR/DPM
Director, NRR/DOR
PDR
Local PDR
NSIC

TIC
LeBoeuf, Lamb, Leiby & MacRae
Mr. Dave Martin, Office of the
Attorney General
Mr. John R. Galloway, Staff
Director, Environment, Energy
and Natural Resources Subcommittee

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket No. 50-346

Toledo Edison Company
ATTN: Mr. Richard P. Crouse
Vice President Nuclear
Edison Plaza
300 Madison Avenue
Toledo, OH 43652

cc w/encl:
Mr. T. Murray, Station
Superintendent
Central Files
Director, NRR/DPM
Director, NRR/DOR
AEOD
Resident Inspector, RIII
PDR
Local PDR
NSIC
TIC
Harold W. Kohn, Power
Siting Commission
Helen W. Evans, State
of Ohio

Docket No. 50-483

Docket No. 50-486

Union Electric Company
ATTN: Mr. John K. Bryan
Vice President - Nuclear
P. O. Box 149
St. Louis, MO 63166

cc w/encl:
Mr. W. H. Weber, Manager,
Nuclear Construction
Central Files
Director, NRR/DPM
Director, NRR/DOR
PDR
Local PDR
NSIC
TIC
Region I & IV
Ms. K. Drey
Mr. Ronald Fluegge, Utility
Division, Missouri Public
Service Commission

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket No. 50-266

Docket No. 50-301

Wisconsin Electric Power Company

ATTN: Mr. Sol Burstein

Executive Vice President

Power Plants

231 West Michigan

Milwaukee, WI 53201

cc w/encl:

Mr. G. A. Reed, Plant

Manager

Central Files

Director, NRR/DPM

Director, NRR/DOR

Timothy Colburn, ORB/NRR

AEOD

Resident Inspector, RIII

PDR

Local PDR

NSIC

TIC

Sandra A. Bast, Lakeshore

Citizens for Safe Energy

Mr. John J. Duffy, Chief

Boiler Inspector

Mr. Peter Anderson, Wisconsin's

Environmental Decade

Docket No. 50-305

Wisconsin Public Service

Corporation

ATTN: Mr. E. R. Mathews

Vice President

Power Supply and

Engineering

P. O. Box 1200

Green Bay, WI 54305

cc w/encl:

D. C. Hintz, Plant

Superintendent

Mr. W. Sayles, Chief

Engineer

Central Files

Director, NRR/DPM

Director, NRR/DOR

AEOD

Resident Inspector, RIII

PDR

Local PDR

NSIC

TIC

Mr. John J. Duffy, Chief

Boiler Inspector

RIII'S CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION
PERMIT HOLDERS (BWR's and PWR's)

Docket No. 50-315

Docket No. 50-316

American Electric Power Service
Corporation
Indiana and Michigan Power Company
ATTN: Mr. John E. Dolan
Vice Chairman
Engineering and Construction
2 Broadway
New York, NY 10004

cc w/encl:
Mr. D. V. Shaller,
Plant Manager
Central Files
Director, NRR/LPM
Director, NRR/DOR
AEOD
Resident Inspector, RIII
PDR
Local PDR
NSIC
TIC
Ronald Callen, Michigan
Public Service Corporation

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket Nos. 50-10, 50-237, 50-249;
50-254, 50-265; 50-295, 50-304; 50-373,
50-374; 50-454, 50-455; 50-456 and 50-457

Commonwealth Edison Company
ATTN: Mr. Cordell Reed,
Vice President
Post Office Box-767
Chicago, IL 60690

cc w/encl:

Mr. J. S. Able, Director
of Nuclear Licensing
Mr. D. J. Scott, Station
Superintendent
Mr. N. Kalivianakis,
Station Superintendent
Mr. K. Graesser, Station
Superintendent
Mr. L. J. Burke, Site
Construction Superintendent
Mr. T. E. Quaka, Quality
Assurance Supervisor
Mr. R. H. Holyoak, Station
Superintendent
Mr. B. B. Stephenson,
Project Manager
Mr. V. I. Schlosser,
Project Manager
Mr. R. E. Querio, Station
Superintendent

Mr. Gunner Sorensen, Site
Project Superintendent
Mr. R. Cosaro, Project
Superintendent
Mr. J. F. Gudac, Station
Superintendent
Central Files
Director, NRR/DPM
Director, NRR/DOR
AEOD
Resident Inspectors, RIII
PDR
Local PDR
NSIC
TIC
Mr. Dean Hansell, Office of
Assistant Attorney General
Myron M. Cherry, Chicago

Docket No. 50-358

Cincinnati Gas and Electric
Company
ATTN: Mr. Earl A. Borgmann
Senior Vice President
Engineering Services
and Electric Production
139 East 4th Street
Cincinnati, OH 45201

cc w/encl:

Mr. J. R. Schott, Plant
Superintendent
Central Files
Director, NRR/DPM
Director, NRR/DOR
AEOD
Resident Inspector, RIII
PDR

Local PDR
NSIC
TIC
Harold W. Kohn, Power
Siting Commission
Citizens Against a Radioactive
Environment
Helen W. Evans, State of Ohio

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket No. 50-440

Docket No. 50-441

The Cleveland Electric Illuminating
Company

ATTN: Mr. Dalwyn R. Davidson

Vice President - Engineering

P. O. Box 5000

Cleveland, OH 44101

cc w/encl:

Central Files

Director, NRR/DPM

Director, NRR/DOR

PDR

Local PDR

NSIC

TIC

Harold W. Kohn, Power

Siting Commission

Mr. Daniel D. Wilt,

Attorney

Helen Evans,

State of Ohio

Docket No. 50-155

Docket No. 50-255

Consumers Power Company

ATTN: Mr. R. B. DeWitt

Vice President

Nuclear Operations

212 West Michigan Avenue

Jackson, MI 49201

cc w/encl:

Mr. D. P. Hoffman, Nuclear
Licensing Administrator

Mr. C. J. Hartman,
Plant Superintendent

Mr. R. W. Montross, Manager

Central Files

Director, NRR/DPM

Director, NRR/DOR

AEOD

Resident Inspectors, RIII

PDR

Local PDR

NSIC

TIC

Ronald Callen, Michigan

Public Service Commission

Myron M. Cherry, Chicago

RIII's CORPORATE ADDRESSES FOR OPERATING LICENSEES AND CONSTRUCTION PERMIT HOLDERS
(BWR's and PWR's)

Docket No. 50-329

Docket No. 50-330

Consumers Power Company
ATTN: Mr. James W. Cook
Vice President
Midland Project
1945 West Parnall Road
Jackson, MI 49201

cc w/encl:
Central Files
Director, NRR/DPM
Director, NRR/DOR
PDR
Local PDR
NSIC
TIC
Ronald Callen, Michigan
Public Service Commission
Myron M. Cherry, Chicago

Docket No. 50-409

Dairyland Power Cooperative
ATTN: Mr. F. W. Linder
General Manager
2615 East Avenue - South
La Crosse, WI 54601

cc w/encl:
Mr. R. E. Shimshak,
Plant Superintendent
Central Files
Director, NRR/DPM
Director, NRR/DOR
AEOD
Resident Inspector, RIII
PDR
Local PDR
NSIC
TIC
Mr. John Duffy, Chief
Boiler Inspector

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

October 31, 1980

IE INFORMATION NOTICE NO. 80-39: MALFUNCTION OF SOLENOID VALVES MANUFACTURED
BY VALCOR ENGINEERING CORPORATION

PURPOSE:

The intent of this Information Notice is to alert holders of construction permits and operating licenses for nuclear power plants of a potentially generic problem involving the malfunctioning of certain solenoid valves manufactured by the Valcor Engineering Corporation (Valcor). The solenoid valves so involved are designated as Valcor Valve Model No. V52600-554-1. Valcor has informed us that these valves have only been supplied to the McGuire facility; however, since these valves were substituted for solenoid valves of another manufacturer that did not meet the requirements of IE Bulletin No. 79-01 and its amendments, licensees and holders of construction permits should take into account the problem identified in this Information Notice prior to making any similar substitution.

BACKGROUND:

By TWX dated June 27, 1980, Valcor submitted a preliminary 10 CFR Part 21 Report addressing the malfunctioning of Valcor solenoid valves at the McGuire facility. The malfunctioning valves have been identified as Valcor Valve Model No. 52600-554-1. This TWX was subsequently followed by a letter dated July 3, 1980, transmitting a more detailed Part 21 Report entitled, "Quality Assurance Report", a copy of which is attached hereto as Enclosure No. 1.

In brief, the malfunction appears to be an intermittent type wherein the valve fails to cycle from OPEN to CLOSE to OPEN immediately after a sustained period of operation in the energized (OPEN) mode. Although the valves are rated for "continuous operation", Valcor contends that the valves were not designed to meet the operating conditions requiring the immediate cycling from OPEN to CLOSE to OPEN after a sustained period of continuous energization. A major source of the problem, therefore, may be a misunderstanding of the term "continuous operation". By letter dated July 14, 1980 to Duke Power Company, Valcor transmitted its recommendations in this matter entitled, "Outline - Suggested Modification Procedures", a copy of which is attached hereto as Enclosure No. 2.

Enclosures:

1. Quality Assurance Report
2. Outline - Suggested Modification Procedures.

DUPLICATE DOCUMENT

Entire document previously
entered into system under:

ANO 8008220245

No. of pages: 6