



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

November 10, 1980

Those on Attached Address Listing:

This IE Information Notice No. 80-41 is provided as an early notification of a possibly 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 this office.

Sincerely,

James W. Roy
for James G. Keppler
Director

Enclosure: IE Information
Notice No. 80-41

cc w/encl:
Mr. D. W. Kane,
Sargent & Lundy
Mr. Gary N. Wright, Chief
Division of Nuclear Safety
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. 50-331

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

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

November 10, 1980

IE Information Notice No. 80-41: FAILURE OF SWING CHECK VALVE IN THE DECAY
HEAT REMOVAL SYSTEM AT DAVIS-BESSE UNIT
NO. 1

Description of Circumstances:

On October 9, 1980 the resident inspector at the Davis-Besse facility was informed that the licensee had performed leak rate tests and identified excessive leakage through Decay Heat Removal System check valve CF-30. Valve CF-30 is the inboard one of two in-series check valves that is used to isolate the reactor coolant system from the low pressure decay heat removal system. On further investigation the licensee found that the valve disc and arm had separated from the valve body and was lodged just under the valve cover plate. The two 2 5/8 x 5/8 inch bolts and locking mechanism for the bolts that holds the arm to the valve body were missing and have not been located. The CF-30 valve is a 14-inch swing check valve manufactured by Velan Valve Corporation. The cause of the failure has not been identified.

The test that was in progress when the failure was identified was being conducted in response to a letter from Darrell G. Eisenhut, Office of Nuclear Reactor Regulations to all Light Water Reactor Licensees, LWR Primary Coolant System Pressure Isolation Valves, February 23, 1980.

This IE Information Notice is provided as an early notification of a possibly significant matter that is still under review by the NRC staff. 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 NRC evaluations so indicate, further licensee actions may be requested or required.

No written response to this IE Information Notice is required. If you have any questions regarding this matter, please contact the Director of the appropriate NRC Regional Office.

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