

Withdrawn

NRC Administrative Letter 1994-01, "Forthcoming NRC Meeting with Industry to Discuss the Potential for Pressure Locking and Thermal Binding of Gate Valves," dated January 13, 1994, has been withdrawn.

ADAMS Accession Number: ML031110544

See *Federal Register* notice 81 FR 31969, dated
May 20, 2016

UNITED STATES
NUCLEAR REGULATORY COMMISSION
OFFICE OF NUCLEAR REACTOR REGULATION
WASHINGTON, D.C. 20555

January 13, 1994

NRC ADMINISTRATIVE LETTER 94-01: FORTHCOMING NRC MEETING WITH INDUSTRY TO
DISCUSS THE POTENTIAL FOR PRESSURE LOCKING
AND THERMAL BINDING OF GATE VALVES

Addressees

All holders of operating licenses or construction permits for nuclear power reactors.

Purpose

The U.S. Nuclear Regulatory Commission (NRC) is issuing this administrative letter to inform addressees of the forthcoming NRC meeting with industry to discuss the potential for pressure locking and thermal binding of gate valves. This administrative letter does not transmit or imply any new requirements or staff positions. No specific action or written response is required.

Background

In March 1993, NRC published NUREG-1275, Volume 9, "Operating Experience Feedback Report - Pressure Locking and Thermal Binding of Gate Valves." In the report, the staff reviewed operating events involving these failure mechanisms and identified: (1) the conditions under which the failure mechanisms have occurred, (2) the spectrum of safety systems that have been subjected to the failure mechanisms, and (3) the conditions that may introduce the failure mechanisms under both normal and accident conditions.

Discussion

NRC has scheduled a public meeting to discuss Generic Letter (GL) 89-10, "Safety-Related Motor-Operated Valve Testing and Surveillance." This meeting will focus on potential pressure locking and thermal binding of gate valves installed in safety-related systems of both boiling-water and pressurized-water reactors. NRC will present an evaluation of related industry experience and planned regulatory activities. In addition, utility representatives may discuss ongoing industry activities related to pressure locking and thermal binding. The NRC presentation will include responses to questions received from interested parties, licensees, and applicants. Attachment 1 is the agenda for the meeting.

The meeting, which is open to the public, will be held on February 4, 1994, from 8:00 a.m. to 5:00 p.m. at the New Orleans Marriott, 555 Canal Street, New Orleans, Louisiana 70140, Telephone (504) 581-1000.

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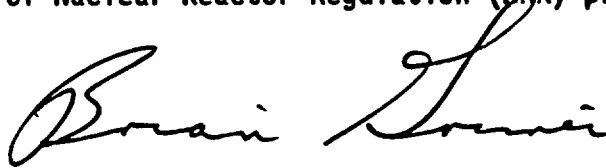
updated
on 7/29/94

IDR-5 Administrative Letter 940111

Related Generic Communications

In addition to GL 89-10, NRC has issued a number of generic communications pertaining to either pressure locking or thermal binding of gate valves. Among these are NRC Office of Inspection and Enforcement (IE) Circular 77-05, "Fluid Entrapment in Valve Bonnets," IE Information Notice (IN) 81-31, "Failure of Safety Injection Valves to Operate Against Differential Pressure," and NRC IN 92-26, "Pressure Locking of Motor-Operated Flexible Wedge Gate Valves."

This administrative letter requires no specific action or written response. If you have any questions about this letter, please contact the contact listed below or the appropriate Office of Nuclear Reactor Regulation (NRR) project manager.



Brian K. Grimes, Director
Division of Operating Reactor Support
Office of Nuclear Reactor Regulation

Contact: Allen G. Hansen, NRR
(301) 504-1390

Attachments:

1. Meeting Agenda
2. List of Recently Issued NRC Administrative Letters

Enclosure Filed in Jacket

MEETING AGENDA

PUBLIC WORKSHOP ON GATE VALVE PRESSURE LOCKING AND THERMAL BINDING

Welcome and Introduction J. Rosenthal, AEOD and J. Hannon, NRR	8:00 am
Pressure Locking and Thermal Binding Issues E. Brown and C. Hsu, AEOD	8:15 am
Licensee Experience and Efforts D. Smith - Entergy, Grand Gulf Identifying susceptible valves, tests to confirm thrust levels during pressure locking, corrective actions.	9:30 am
BREAK	10:00-10:15 am
M. Dowd - Commonwealth Edison, LaSalle Identifying susceptible valves, steam system pressure locking, combined pressure locking/thermal binding	10:15 am
R. Kadlec - American Electric Power, D. C. Cook Efforts to alleviate pressure locking at D. C. Cook	11:15 am
W. Rowlett - Entergy, Arkansas Nuclear One Thermal binding, operation to prevent water in bonnet.	11:45 am
LUNCH	12:15-1:15 pm
Valve Vendor Corrective Actions I. Ezeakoye - Westinghouse Electric Corp. Design modifications to alleviate pressure locking.	1:15 pm
D. Wright - Anchor Darling Corrective actions to address pressure locking.	1:45 pm
J. Farrell - Velan Thermal binding test and analysis.	2:15 pm
NRC Draft Generic Communication T. Scarbrough, NRR	2:45 pm
BREAK	3:15-3:30 pm
Question and Answer Session All presenters as panel	3:30 pm
Closing Remarks J. Rosenthal, AEOD and J. Hannon, NRR	4:45 pm

LIST OF RECENTLY ISSUED
NRC ADMINISTRATIVE LETTERS

Administrative Letter No.	Subject	Date of Issuance	Issued to
93-05	Announcement of Public Workshop on the Form and Content of Design Certification Rules	10/29/93	All holders of OLs or CPs for nuclear power reactors.
93-04	Announcement of Forthcoming Public Meetings on Whistleblower Protection Activities	09/09/93	All holders of OLs or CPs for nuclear power and research reactors and selected materials licensees.
93-03	Operator Licensing National Examination Schedule	09/07/93	All power reactor licensees and applicants for an operating license.
93-02	Implementing the Revised Systematic Assessment of Licensee Performance (SALP) Program	08/30/93	All holders of OLs or CPs for nuclear power reactors.
93-01	Announcing A New Type of NRC Generic Communication	07/09/93	All NRC licensees except licensed operators.

OL = Operating License
CP = Construction Permit

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Reconcurrence for REVISED AL 94-01 w/Agenda
PD3-3/DRPW D:DORS/NRR
AGHansen BKGrimes
01/12/94 01/12/94

*see previous concurrence

OFFICE	*OGCB/DORS	*Tech Ed	*PD3-3/DRPW	*D:PD3-3/DRPW
NAME	RJKiesel	RSanders	AGHansen	JNHannon
DATE	12/ 9/93	12/ 9/93	12/15/93	12/15/93
OFFICE	*D:DRPW	*C:OGCB/DORS	D:DORS*	
NAME	JWRoe	GHMarcus	BKGrimes	
DATE	12/16/93	12/20/93	01/07/94	

DOCUMENT NAME: 94-01.AL (NOTE: THIS 94-01 ADMIN LTR IS REVISED WITH AN
AGENDA ATTACHED.)

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orig /s/'d by BKGrimes

Brian K. Grimes, Director
Division of Operating Reactor Support
Office of Nuclear Reactor Regulation

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Attachment:
List of Recently Issued NRC Administrative Letters

*see previous concurrence

OFFICE	*OGCB/DORS	*Tech Ed	*PD3-3/DRPW	*D:PD3-3/DRPW
NAME	RJKiesel	RSanders	AGHansen	JNHannon
DATE	12/ 9/93	12/ 9/93	12/15/93	12/15/93
OFFICE	*D:DRPW	*C:OGCB/DORS	D:DORS	
NAME	JWRoe	GHMarcus	BKGrimes	
DATE	12/16/93	12/20/93	01/ 7/94	

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DATE	12/16/93	12/20/93	12/ /93	

DOCUMENT NAME: NRCAL.3C1

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NAME	JWRoe <i>JWR</i>	GHMarcus	BKGrimes	
DATE	12/16/93	12/ /93	12/ /93	

DOCUMENT NAME: NRCAL.3C1

January 4, 1994. Questions on NRC positions raised during the meeting will be discussed to the extent practical. In addition, the meeting content will be made available to the public following the meeting.

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DATE	12/9/93	12/9/93	12/ /93	12/ /93
OFFICE	D:DRPW	C:OGCB/DORS	D:DORS	
NAME	JWRoe	GHMarcus	BKGrimes	
DATE	12/ /93	12/ /93	12/ /93	

Document Name: nrca1.3c1