

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

March 31, 1993

NRC INFORMATION NOTICE 93-24: DISTRIBUTION OF REVISION 7 OF NUREG-1021,  
"OPERATOR LICENSING EXAMINER STANDARDS"

Addressees

All holders of operator and senior operator licenses at nuclear power reactors.

Purpose

The U.S. Nuclear Regulatory Commission (NRC) is issuing this information notice to inform all holders of operator and senior operator licenses at nuclear power reactors that the NRC issued Revision 7 of NUREG-1021, "Operator Licensing Examiner Standards." Revision 7 of NUREG-1021 contains changes to the processes for licensing operators and conducting NRC initial licensing and requalification examinations. It is expected that recipients will review the information for applicability and consider actions, as appropriate, to their licensed activities. However, suggestions contained in this information notice are not NRC requirements; therefore, no specific action or written response is required.

Discussion

In 1991, the staff proposed to evaluate a crew-based grading method for dynamic simulator tests that would reduce examination stress, encourage operator teamwork, and minimize the regulatory impact of NRC requalification examinations on facility licensees and licensed operators. With the concurrence of the Commission, the staff wrote a crew-based simulator test procedure and, in 1992, tested the procedure in a pilot program by examining over 100 licensed operators at 6 facilities. After completing the pilot program, the staff incorporated the crew-based simulator test procedure into a draft Revision 7 of NUREG-1021.

In July 1992, the staff sent copies of the draft revision of NUREG-1021 to the Professional Reactor Operator Society (PROS) and the Nuclear Management and Resources Council (NUMARC) for comment, and placed a copy in the NRC Public Document Room. NUMARC distributed the draft NUREG-1021 to facility licensees and sponsored a meeting at which the NRC staff discussed the draft revision with industry representatives. NUMARC consolidated the facility comments and forwarded them to the NRC. The PROS organization also forwarded comments on the draft revision to the NRC. The staff evaluated the comments and made appropriate changes to the draft revision. In January 1993, the staff sent Revision 7 of NUREG-1021 to all holders of operating licenses or construction permits. A copy is also available in the NRC Public Document Room.

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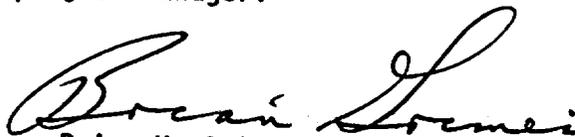
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Changes made to Revision 7 of NUREG-1021 include refinements to the content and structure of the initial and requalification examinations; these changes will enhance the validity of the examination as well as improve its administrative efficiency and consistency. Significant changes in the requalification examination include (1) condensing the walkthrough to five job performance measures with no prescribed questions, (2) incorporating the crew-based dynamic simulator evaluations and (3) using low-power and shutdown job performance measures and low-power scenarios from facility reference material in the operating test. Examples of specific changes affecting the NRC initial examinations include (1) use of only objectively scored questions on the initial written examination and (2) a decrease in the number of prescribed follow-up questions related to job performance measures on the walkthrough portion of the operating test. Revision 7 of NUREG-1021 contains an Executive Summary which summarizes all of the non-editorial changes made to Revision 7.

In February 1993, the NRC published in the Federal Register a notice informing the public of the revision. As indicated in the Federal Register notice, the NRC will use Revision 7 of NUREG-1021 for all initial and requalification examinations scheduled to be conducted after August 9, 1993.

This information notice requires no specific action or written response. If you have any questions about the information in this notice, please contact one of the technical contacts 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

Technical contacts: Fred Guenther, NRR  
(301) 504-1056

Christopher Gratton, NRR  
(301) 504-1055

Attachment:  
List of Recently Issued NRC Information Notices

LIST OF RECENTLY ISSUED  
NRC INFORMATION NOTICES

Information Notice No.	Subject	Date of Issuance	Issued to
93-23	Weschler Instruments Model 252 Switchboard Meters	03/31/93	All holders of OLs or CPs for nuclear power reactors.
93-22	Tripping of Klockner-Moeller Molded-Case Circuit Breakers due to Support Level Failure	03/26/93	All holders of OLs or CPs for nuclear power reactors.
93-21	Summary of NRC Staff Observations Compiled during Engineering Audits or Inspections of Licensee Erosion/Corrosion Programs	03/25/93	All holders of OLs or CPs for light water nuclear power reactors.
93-20	Thermal Fatigue Cracking of Feedwater Piping to Steam Generators	03/24/93	All holders of OLs or CPs for PWRs supplied by Westinghouse or Combustion Engineering.
93-19	Slab Hopper Bulging	03/17/92	All nuclear fuel cycle licensees.
93-18	Portable Moisture-Density Gauge User Responsibilities during Field Operations	03/10/93	All U.S. Nuclear Regulatory Commission licensees that possess moisture-density gauges.
93-17	Safety Systems Response to Loss of Coolant and Loss of Offsite Power	03/08/93	All holders of OLs or CPs for nuclear power reactors.
93-16	Failures of Nut-Locking Devices in Check Valves	02/19/93	All holders of OLs or CPs for nuclear power reactors.
93-15	Failure to Verify the Continuity of Shunt Trip Attachment Contacts in Manual Safety Injection and Reactor Trip Switches	02/18/93	All holders of OLs or CPs for nuclear power reactors.

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orig /s/'d by BKGrimes

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Attachment: *Filed in jacket*  
List of Recently Issued NRC Information Notices

\*SEE PREVIOUS CONCURRENCE

\*OGCB:DORS:NRR  
JBirmingham  
03/18/93

\*TECHED:ADM  
JMain  
02/18/93

\*C/OGCB:DORS:NRR  
GHMarcus  
03/23/93

D/DORS:NRR  
BKGrimes  
03/29/93

\*HOLB:DRCH:NRR  
CGratton  
03/12/93

\*AC/HOLB:DORS:NRR  
DJLange  
03/22/93

\*D/DRCH:NRR  
BABoger  
03/22/93

DOCUMENT NAME: 93-24.IN

The staff issued Revision 7 of NUREG-1021 to all holders of operating licenses or construction permits. Copies of the revision should be available through facility training departments. Copies of the revision are also available in the NRC Public Document Room. Attachment 1 of this notice is a summary of the significant changes in Revision 7 of NUREG-1021.

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

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Attachments:

1. Summary of Significant Changes
2. List of Recently Issued NRC Information Notices

\*SEE PREVIOUS CONCURRENCE  
OGCB:DORS:NRR \*TECHED:ADM  
JBirmingham JMain  
03/18/93 *YLO* 03/18/93  
02  
HOLB:DRCH:NRR HOLB:DRCH:NRR  
CGratton *CG* FGuenther  
03/12/93 03/ /93

DOCUMENT NAME: EXAM.IN  
C/OGCB:DORS:NRR D/DORS:NRR  
GHMarcus BKGrimes  
03/ /93 03/ /93  
AC/HOLB:DORS:NRR D/DRCH:NRR  
DJLangez *2/8 3/12* *2/8 3/12*  
03/12/93 *with clean* *for* *ABogert* *2/8 3/12*  
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*OGCB:DORS:NRR	C/OGCB:DORS:NRR	D/DORS:NRR
JBirmingham	GHMarcus <i>GHM</i>	BKGrimes <i>gel</i>
03/18/93	03/23/93	03/ /93
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CGratton	DJLange	BABoger
03/12/93	03/22/93	03/22/93