



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

July 31, 1998

ALL AGREEMENT STATES
MINNESOTA, OHIO, OKLAHOMA, PENNSYLVANIA
EXECUTIVE DIRECTOR, CONFERENCE OF
RADIATION CONTROL PROGRAM DIRECTORS

TRANSMITTAL OF STATE AGREEMENTS PROGRAM INFORMATION (SP-98-067)

Your attention is invited to the enclosed correspondence which contains:

INCIDENT AND EVENT INFORMATION.....

MANAGEMENT INFORMATION.....

TRAINING COURSE INFORMATION.....

TECHNICAL INFORMATION.....

OTHER INFORMATION.....XX INTERIM USE AND REQUEST FOR
COMMENTS ON GUIDANCE IN
SUPPORT OF FINAL RULE ON
RADIOLOGICAL CRITERIA FOR
LICENSE TERMINATION.
REQUEST TO PARTICIPATE IN
PROCESS PLANNING MEETING

Supplementary information: On May 21, 1997, the Commission approved a final rule package (Subpart E to 10 CFR Part 20) on radiological criteria for license termination, and directed the staff to provide the Commission with regulatory guidance documents for review and approval. In a Staff Requirements Memorandum dated July 8, 1998 on SECY-98-051 (enclosed) the Commission approved publication of draft guidance and supporting documents and their interim use for a period of two years.

Draft Regulatory Guide (DG-4006), Demonstrating Compliance with the Radiological Criteria for License Termination, provides staff positions on each of the elements in Subpart E to Part 20. The Draft Regulatory Guide also endorses use of NUREG-1575, the Multi-Agency Radiation Survey and Site Investigation Manual (MARSSIM). Several supporting draft NUREG documents have also been developed (NUREG-1505 addressing the statistical methodology for final status surveys, NUREG-1507 addressing minimum detectable concentrations for survey instruments, and NUREG-1549 addressing dose methodology). These draft documents are currently being uploaded to the Internet at <http://techconf.llnl.gov/radcri/java.html> and will be available in hard copy form in August 1998. The documents will be published in final form no later than July 31, 2000.

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PDR

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SP-A4

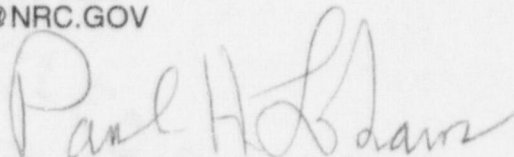
JUL 31 1998

A notice announcing the availability of the documents will be published in the Federal Register in early August 1998 with a request for public comment. Comments or questions regarding the guidance should be directed to the individual named below.

POINT OF CONTACT: Cheryl Trottier
TELEPHONE: (301) 415-6232
INTERNET: CAT1@NRC.GOV

In addition, on August 14, 1998, 8:30 am to 12 noon, (Room 8-A1 in Two White Flint North), NRC is hosting a public meeting regarding the draft guidance. The purpose of the meeting is: (1) to provide an overview of NRC's plans to develop a Standard Review Plan (SRP) for Draft Regulatory Guide DG-4006, (2) to provide an overview of issues and concerns related to the implementation of the draft guidance, and (3) to develop the format and schedule for future public workshops to exchange information related to the implementation of the guidance and the development of the SRP. This meeting, and those that follow, will help shape the final version of NRC's guidance. We believe that your participation in the meetings on the guidance development would be useful. The point of contact for the meetings is:

POINT OF CONTACT: David N. Fauver
TELEPHONE: (301) 415-6625
INTERNET: DNF@NRC.GOV


Paul H. Lohaus, Deputy Director
Office of State Programs

Enclosure:
As stated

JUL 31 1998

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Original Signed By:
PAUL H. LOHAUS

Paul H. Lohaus, Deputy Director
 Office of State Programs

Enclosure:
 As stated

Distribution:
 DIR RF (8W194)
 SDroggitis
 MSchroll, SECY

CTrottier, RES
 DFauver, NMSS

DCD (SP03)
 PDR (YES ☒) (NO ☐)
 E-MAILED TO STATES: 7/31/98

DOCUMENT NAME: G:\TJO\SP98067.WPD

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OFFICE	OSP	<input type="checkbox"/>	OSP:DD	<input type="checkbox"/>	OSP:D	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NAME	TO'Brien:nb:kk		PLohaus		RBangart	<input checked="" type="checkbox"/>			
DATE	07/29/98*		07/29/98*		07/31/98				

OSP FILE CODE: SP-A-4

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 INTERNET: CAT1@NRC.GOV

Paul H. Lohaus, Deputy Director
 Office of State Programs

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 As stated

Distribution:
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NAME	TO'Brien:nb	<input checked="" type="checkbox"/>	PLohaus	<input checked="" type="checkbox"/>	RBangart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DATE	07/ 29 /98	<input checked="" type="checkbox"/>	07/ 29 /98	<input checked="" type="checkbox"/>	07/ /98	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OSP FILE CODE: SP-A-4

July 8, 1998

MEMORANDUM TO: L. Joseph Callan
Executive Director for Operations

FROM: John C. Hoyle, Secretary /s/

SUBJECT: STAFF REQUIREMENTS - SECY-98-051 - GUIDANCE IN
SUPPORT OF FINAL RULE ON RADIOLOGICAL
CRITERIA FOR LICENSE TERMINATION

The Commission has approved publication of the guidance and supporting documents and their interim use for a period of two years. The staff should ensure that the Agreement States and Conference of Radiation Control Program Directors are aware of the issuance of these documents for interim use and public comment.

(EDO)

(SECY Suspense:

7/31/98)

The staff should go forward with plans to maintain a dialogue with the public during the comment period through use of a website and public workshops provided that they prove to be an efficient use of limited staff resources. The staff should explore the possibility of providing a more detailed flow chart or, at a minimum, a more detailed table of contents or subject index for each guidance document to assist the reader in locating relevant sections of the various guidance documents.

The Commission expressed concern that there may be excessive conservatism, particularly in the screening model (DandD) code. Areas of conservatism that warrant additional review during the public comment period include, but are not limited to, the following:

- the assumption that the resident farmer is the proper screening group scenario in every case where soil contamination is found or where institutional controls fail (perhaps "sub-scenarios" or new scenarios could be developed based on actual experience)
- the daily drinking water consumption value of 1.3 liters
- the assumption that 100% of the water used to irrigate the land where food crops are grown is contaminated ground water from on-site
- more regional or localized data (e.g., rainfall data) should be integrated into DandD when available
- groundwater model - as mentioned above, the staff should compare the DandD groundwater model against other generic groundwater models or the use of site-specific models to determine the utility of the generic groundwater model.

The staff should consider the comments provided to the Commission by the Advisory Committee on Nuclear Waste (ACNW) on April 29, 1998, when the staff updates the regulatory guidance and supporting documents during the 2-year comment period. In particular, the staff should follow through on the ACNW recommendation to develop a more user-friendly format including development of guidance on standard content and format of information to be submitted to the NRC for license termination cases. The staff should use a complex site to test the DandD code and serve as a pilot for developing and testing the Standard Review Plan (SRP).

The staff should exercise due diligence to ensure that the more risk-informed and iterative approach outlined in the NUREG-1549 decision framework and supporting guidance documents is not undermined by the use of outdated methodologies, decision frameworks or guidance that rely on radionuclide-specific concentration limits or other generic values which may not provide a consistent level of protection for the public and environment. In developing the SRP, clear guidance should be provided on compliance

with the As Low As Reasonably Achievable (ALARA) provision of the final rule. In addition, if the licensee complies with the 25 mrem dose criterion using the screening methodology, the licensee may have met the intended ALARA requirement; therefore, additional demonstration of compliance may not be necessary.

The staff should use a probabilistic approach to calculating a total effective dose equivalent to an average member of the critical group to demonstrate compliance with the license termination rule. The DandD code inherently builds in probabilistic concepts and is consistent with a risk-informed approach to decommissioning that factors in the probability of an individual actually receiving the calculated maximum dose.

(EDO)

(SECY Suspense:

7/29/2000)

The staff should provide the Commission a timeline for development of the SRP and any interim guidance on the SRP. The timeline should include ACNW review of and comment on the SRP during its development. Adequate resources should be provided to NMSS to implement these recommendations.

(EDO)

(SECY Suspense:

9/30/98)

cc: Chairman Jackson
Commissioner Diaz
Commissioner McGaffigan
OGC
CIO
CFO
OCA
OIG
Office Directors, Regions, ACRS, ACNW, ASLBP (via E-Mail)
PDR
DCS

PLEASE FORWARD IMMEDIATELY

U. S. NUCLEAR REGULATORY COMMISSION
OFFICE OF STATE PROGRAMS

OFFICE OF STATE PROGRAMS FAX: (301) 415-3502

NUMBER OF PAGES: 5 including this page

DATE: JULY 31, 1998

TO: RADIATION CONTROL PROGRAM DIRECTORS IN
RHODE ISLAND, PENNSYLVANIA AND MINNESOTA

FROM: PAUL H. LOHAUS, DEPUTY DIRECTOR
OFFICE OF STATE PROGRAMS

SUBJECT: SP-98-067 INTERIM USE AND REQUEST FOR COMMENTS ON
GUIDANCE IN SUPPORT OF FINAL RULE ON RADIOLOGICAL
CRITERIA FOR LICENSE TERMINATION, REQUEST TO
PARTICIPATE IN PROCESS PLANNING MEETING

VERIFICATION - 301-415-3340

< TRANSACTION REPORT >

07-31-1998(FRI) 17:44

[TRANSMIT]

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< TRANSACTION REPORT >

07-31-1998(FRI) 17:35

[BROADCAST]

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				10	0° 05' 04"		

EXECUTIVE TASK MANAGEMENT SYSTEM

<<< PRINT SCREEN UPDATE FORM >>>

cc: LCA
P/L

TASK # - 8W194

DATE - 07/13/98

MAIL CTRL. - 1998

TASK STARTED - 07/13/98

TASK DUE - 07/31/98

TASK COMPLETED - / /

TASK DESCRIPTION - ENSURE THAT A/S AND CRCPD ARE AWARE OF THE ISSUANCE OF
THESE DOCUMENTS FOR INTERIM USE AND PUBLIC COMMENT

REQUESTING OFF. - EDO

REQUESTER - CALLAN

WITS - 0 FYP - N

PROG. -

PERSON -

STAFF LEAD -

PROG. AREA -

PROJECT STATUS -

EDO DUE DATE: 7/31/98

PLANNED ACC. - N

LEVEL CODE - 3

Assign TJO

See enclosures to SP-98-067 letter.