

July 4, 2007

MEMORANDUM TO: Brent Clayton, Chief
Environmental Technical Support Branch
Division of Site and Environmental Reviews
Office of New Reactors

FROM: Andrew J. Kugler, Senior Project Manager */RA/*
Environmental Projects Branch B
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: FORTHCOMING PUBLIC MEETING REGARDING THE UPDATE OF
THE ENVIRONMENTAL STANDARD REVIEW PLAN (NUREG-1555)

DATE & TIME: August 9, 2007
1:00 p.m. - 4:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission
Two White Flint North Auditorium
11545 Rockville Pike
Rockville, Maryland 20852

PURPOSE: The staff will be collecting public comments on the updated
environmental standard review plan sections that have been issued up
to that time for use and comment.

CATEGORY 3: * This is a Category 3 Meeting. Public participation is actively sought.
The meeting is specifically tailored for the public to comment and ask
questions throughout the meeting.

CONTACT: Andrew J. Kugler, NRO
301-415-2828
AJK1@nrc.gov

*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"
67 *Federal Register* 36920, May 28, 2002

B. Clayton

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PARTICIPANTS: Participants from the NRC include staff from the Office of New Reactors (NRO).

NRC

B. Clayton, NRO

A. Kugler

T. Dozier, et al

Enclosure:

1. Agenda
2. High Priority Sections for Environmental Standard Review Plan, NUREG-1555, Vol 1

cc w/encl: See next page

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cc w/encl: See next page

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PCoates

RAP2 R/F

ADAMS ACCESSION NO.: ML071780182

OFFICE	RAP2/PM	DNRL/LA	RENV/BC
NAME	AKugler	PCoates	HBClayton
DATE	06/28/2007	06/28/2007	07/04/2007

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Proposed Agenda for Public Meeting

Update of Environmental Standard Review Plan (ESRP, NUREG-1555)

August 9, 2007

1:00 p.m.	Introductions/Opening Remarks	NRC
1:15 p.m.	Explanation of the ESRP update process and status ¹	NRC
1:45 p.m.	Opportunity for public comment	Public
4:15 p.m.	Closing comments and adjourn	NRC

¹ See the following pages for background information

Background

The Environmental Standard Review Plan (ESRP, NUREG-1555) provides guidance to the staff in implementing the provisions of 10 CFR 51, "Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions," related to environmental reviews for nuclear power reactors. The ESRP is divided into chapters and sections that cover the various aspects of the environmental review. The staff last updated the ESRP in 1999.

The staff is in the process of updating selected portions of the ESRP to support expected applications for licenses for new reactors. This update is intended to address a number of issues, including changes in NRC regulations, changes in environmental laws, changes in electric markets (i.e., deregulation), and lessons learned from the reviews of early site permits.

The staff has divided the ESRP sections into four groups - high priority, moderate priority, low priority, and no changes needed. The staff's current efforts are focused on the high priority sections. See the table at the end of this document for a list of the high priority sections.

As the staff develops revisions to the sections, it will publish them for use and comment. The staff will consider comments on each section before issuing it as a final revision.

During the subject meeting the staff will discuss those high priority ESRP sections that have been published by July 31, 2007. Comments on these sections will be accepted through September 14, 2007. If any of the high priority sections are published after July 31, 2007, the staff will discuss them in the meeting if it is practicable to do so. Comments on these sections will be accepted for 45 days after they are published.

April 11, 2007

High Priority Sections for *Environmental Standard Review Plan*, NUREG-1555, Vol. 1

Possible New Environmental Standard Review Plans (ESRPs)

1. Cumulative impacts (probably needed)
2. Applicant's process for identifying any new and significant information regarding NRC conclusions in an EIS prepared in conjunction with an early site permit (ESP) application (probably needed)
3. Impacts of site redress (probably needed)
4. Acceptance review and sufficiency review of a new application (may fold this into the Introduction)

Existing ESRP Number	Priority	Complexity of Change
Introduction	high	significant
2.5.4 Environmental Justice	high	significant
3.7 Power Transmission System	high	significant
3.8 Transportation of Radioactive Materials	high	significant
4.1.1 The Site and Vicinity	high	major (assuming a new ESRP on redress is needed, otherwise significant)
4.1.2 Transmission Corridors and Offsite Areas	high	significant
4.3.1 Terrestrial Ecosystems	high	significant
4.3.2 Aquatic Ecosystems	high	significant
4.4.3 Environmental Justice Impacts	high	significant
4.6 Measures and Controls to Limit Adverse Impacts During Construction	high	significant
5.1.2 Transmission Corridors and Offsite Areas	high	significant
5.3.1.2 Aquatic Ecosystems	high	significant
5.3.4 Impacts to Members of the Public	high	significant
5.6.1 Terrestrial Ecosystems	high	significant
5.7 Uranium Fuel Cycle Impacts	high	significant
5.8.3 Environmental Justice Impacts	high	significant

Existing ESRP Number	Priority	Complexity of Change
5.10 Measures and Controls to Limit Adverse Impacts During Operation	high	significant
6.0 Environmental Measurements and Monitoring Programs	high	moderate
7.3 Severe Accident Mitigation Alternatives	high	significant
8.1 Description of Power System	high	significant
8.2.1 Power and Energy Requirements	high	significant
8.2.2 Factors Affecting Growth of Demand	high	significant
8.3 Power Supply	high	significant
8.4 Assessment of Need for Power	high	significant
9.2.1 Alternatives Not Requiring New Generating Capacity	high	significant
9.2.2 Alternatives Requiring New Generating Capacity	high	significant
9.2.3 Assessment of Alternative Energy Sources and Systems	high	significant
9.3 Alternative Sites	high	significant
9.4.1 Heat Dissipation Systems	high	significant
9.4.2 Circulating Water Systems	high	significant
9.4.3 Transmission Systems	high	significant
10.4.1 Benefits	high	significant
10.4.2 Costs	high	significant

cc:

Mr. Charles Brinkman
Westinghouse Electric Co.
Washington Operations
12300 Twinbrook Pkwy., Suite 330
Rockville, MD 20852

Mr. David Lochbaum, Nuclear Safety
Engineer
Union of Concerned Scientists
1707 H Street, NW, Suite 600
Washington, DC 20006-3919

Mr. Paul Gunter
Nuclear Information & Resource Service
1424 16th Street, NW, Suite 404
Washington, DC 20036

Mr. James Riccio
Greenpeace
702 H Street, NW, Suite 300
Washington, DC 20001

Mr. Adrian Heymer
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Mr. George Alan Zinke
Project Manager
Nuclear Business Development
Entergy Nuclear
M-ECH-683
1340 Echelon Parkway
Jackson, MS 39213

Ms. Marilyn Kray
Vice President, Special Projects
Exelon Generation
200 Exelon Way, KSA3-E
Kennett Square, PA 19348

Mr. Laurence Parme
Manager, GT-MHR Safety & Licensing
General Atomics Company
P.O. Box 85608
San Diego, CA 92186-5608

Mr. Joseph D. Hegner
Lead Engineer - Licensing
Dominion Generation
Early Site Permitting Project
5000 Dominion Boulevard
Glen Allen, VA 23060

Mr. Edward L. Quinn
Longenecker and Associates
Utility Operations Division
23292 Pompeii Drive
Dana Point, CA 92629

Mr. Paul Leventhal
Nuclear Control Institute
1000 Connecticut Avenue, NW
Suite 410
Washington, DC 20036

Mr. Jay M. Gutierrez
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Mr. W. Edward Cummins
AP600 and AP1000 Projects
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

Mr. Gary Wright, Manager
Office of Nuclear Facility Safety
Illinois Department of Nuclear Safety
1035 Outer Park Drive
Springfield, IL 62704

Mr. Brendan Hoffman
Research Associate on Nuclear Energy
Public Citizens Critical Mass Energy and
Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Lionel Batty
Nuclear Business Team
Graftech
12300 Snow Road
Parma, OH 44130

Mr. Ian M. Grant
Canadian Nuclear Safety Commission
280 Slater Street, Station B
P.O. Box 1046
Ottawa, Ontario
K1P 5S9

Mr. Glenn H. Archinoff
AECL Technologies
481 North Frederick Avenue
Suite 405
Gaithersburg, MD 20877

Mr. Ed Wallace, General Manager
Projects
PBMR Pty LTD
PO Box 9396
Centurion 0046
Republic of South Africa

Mr. Dobie McArthur
Director, Washington Operations
General Atomics
1899 Pennsylvania Avenue, NW, Suite 300
Washington, DC 20006

Mr. Russell Bell
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708

Ms. Vanessa E. Quinn, Chief
Radiological Emergency Preparedness
Branch
Nuclear and Chemical Preparedness and
Protection Division
Department of Homeland Security
1800 South Bell Street, Room 837
Crystal City-Arlington, VA 22202-3546

Mr. Ron Simard
6170 Masters Club Drive
Suwanee, GA 30024

Ms. Sandra Sloan
Areva NP, Inc.
3315 Old Forest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Ms. Anne W. Cottingham
Assistant General Counsel
Nuclear Energy Institute
1776 I Street, NW, Suite 400
Washington, DC 20006

Mr. David Repka
Winston & Strawn LLP
1700 K Street, NW
Washington, DC 20006-3817

Mr. Robert E. Sweeney
IBEX ESI
4641 Montgomery Avenue
Suite 350
Bethesda, MD 20814

Mr. Eugene S. Grecheck
Vice President, Nuclear Support
Services
Dominion Energy, Inc.
5000 Dominion Blvd.
Glen Allen, VA 23060