

June 13, 2001

MEMORANDUM TO: Richard J. Barrett, Acting Director  
Future Licensing Organization  
Office of Nuclear Reactor Regulation

FROM: Eric J. Benner, Regulatory Infrastructure Project Manager */RA/*  
Future Licensing Organization  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING WORKSHOP ON FUTURE LICENSING ACTIVITIES

DATE & TIME: Wednesday, July 25, 2001  
9:00 a.m. - 8:00 p.m.  
Thursday, July 26, 2001  
9:00 a.m. - 1:00 p.m.

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

PURPOSE: To inform the public of the current and proposed activities of the NRC staff regarding future applications and to solicit public concerns and feedback on identified issues and challenges. See attached preliminary agenda.

PARTICIPANTS*	<u>NRC</u>	<u>PUBLIC</u>
	F. Cameron R. Barrett J. Lyons M. Gamberoni et al.	Any interested member of the public

Attachment: Preliminary agenda

CONTACT: Eric J. Benner, NRR  
301-415-1171

Members of the public may pre-register for this meeting by contacting Eric Benner at (800) 368-5642, ext. 1171, or by Internet at [ejb1@nrc.gov](mailto:ejb1@nrc.gov) by July 20, 2001.

June 13, 2001

MEMORANDUM TO: Richard J. Barrett, Acting Director  
Future Licensing Organization  
Office of Nuclear Reactor Regulation

FROM: Eric J. Benner, Regulatory Infrastructure Project Manager */RA/*  
Future Licensing Organization  
Office of Nuclear Reactor Regulation

SUBJECT: FORTHCOMING WORKSHOP ON FUTURE LICENSING ACTIVITIES

DATE & TIME: Wednesday, July 25, 2001  
9:00 a.m. - 8:00 p.m.  
Thursday, July 26, 2001  
9:00 a.m. - 1:00 p.m.

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

PURPOSE: To inform the public of the current and proposed activities of the NRC staff regarding future applications and to solicit public concerns and feedback on identified issues and challenges. See attached preliminary agenda.

PARTICIPANTS*	<u>NRC</u>  F. Cameron R. Barrett J. Lyons M. Gamberoni et al.	<u>PUBLIC</u>  Any interested member of the public
---------------	--	--

Attachment: Preliminary agenda

CONTACT: Eric J. Benner, NRR  
301-415-1171

Members of the public may pre-register for this meeting by contacting Eric Benner at (800) 368-5642, ext. 1171, or by Internet at [ejb1@nrc.gov](mailto:ejb1@nrc.gov) by July 20, 2001.

DISTRIBUTION:  
See next page

ADAMS ACCESSION NUMBER: ML011650149

ADAMS DOCUMENT TITLE:C:\Program Files\Adobe\Acrobat 4.0\PDF  
Output\mtgnotice7\_25.wpd

OFFICE	PM:FLO	(A)SC:FLO	D:FLO
NAME	EJBenner	MGamberoni	RJBarrett
DATE	6/13/2001	6/13/2001	6/13/2001

**OFFICIAL RECORD COPY**

DISTRIBUTION:

**HARD COPY**

FLOOR

E. Benner

R. Barrett

M. Gamberoni

OWFN Receptionist

**E-MAIL:**

PUBLIC

S. Collins

J. Johnson

B. Sheron

R. Borchardt

D. Matthews

F. Gillespie

J. Strosnider

G. Bagchi

G. Holahan

S. Black

B. Boger

W. Dean

J. Zwolinski

C. Carpenter

J. Moore, OGC

S. Duraisamy, ACRS

T. King, RES

A. Thadani, RES

J. Shea

OPA

PMNS

N. Gilles

E. Throm

R. McIntyre

M. Dusaniwsky

L. Olshan

C. Velez

S. Rubin

D. Cleary

K. Gibson

B. Zalcman

E. Imbro

J. Giitter

J. Lyons

B. Weisman

J. Hannon

T. Collins

W. Beckner

M. Reinhart

T. Quay

G. Tracy

M. Johnson

J. Williams

## **Preliminary Agenda**

Recently, the nuclear industry has indicated that they may be submitting licensing applications in accordance with Parts 50 and 52 of the *Code of Federal Regulations* (10 CFR Parts 50 and 52) in the near future with the intent to build and operate new nuclear power plants. These submittals could include applications for Early Site Permits, Design Certifications, Combined Licenses, and Operating Licenses. Additional activities could include pre-application reviews related to these submittals and requests to reactivate Construction Permits to allow the applicant to resume construction of nuclear facilities.

The purpose of this workshop is to inform the public of the current and proposed activities of the NRC staff to prepare for these potential future licensing applications, discuss the mechanisms available to the public for providing input during these licensing activities, and to solicit public feedback on identified issues and challenges.

A final agenda and schedule will be published on the NRC future licensing web site when it is available: <http://www.nrc.gov/NRC/REACTOR/FLO/index.htm>

### **Workshop Organization:**

For each of the agenda topics, the NRC staff will describe the activity and the regulatory process governing the activity, discuss the actions the NRC is taking to prepare for the anticipated submittal, and provide an estimate of expected milestone dates, where available. The staff will discuss how the public can provide input to the staff during different stages of the activity. The remainder of the allotted time will then be used for an open dialogue among all workshop participants. The NRC staff will then briefly summarize the identified concerns.

In addition, the workshop will contain two open sessions to allow public participants to discuss issues not addressed or to have further discussions on the agenda items. The first of these sessions will be on the evening of July 25 to allow participation by individuals who cannot attend during the work day and will include a brief presentation by the NRC staff summarizing all of the agenda items. The second of these sessions will be held on the morning of July 26.

Following the workshop, the NRC staff will summarize and document the identified concerns. The summary will be sent to those workshop participants who request a written copy, as well as the Commission, and will be posted on NRC's future licensing website.

### **Agenda Topics:**

#### **Licensing Processes**

##### **Early Site Permits**

10 CFR Part 52 allows an applicant to apply for an early site permit, which provides for resolution of site safety, environmental protection, and emergency preparedness issues, independent of a specific nuclear plant review. The early site permit application must address the safety and environmental characteristics of the site and evaluate potential physical impediments to develop an emergency evacuation plan.

### Design Certification

The NRC may certify a standard plant design through a rulemaking under 10 CFR Part 52, independent of a specific site. Among other requirements, the design certification applicant must demonstrate that its design complies with current NRC regulations, provide a probabilistic risk assessment, and provide a proposed set of inspections, tests, analyses, and acceptance criteria that will demonstrate that the plant will operate in accordance with the design certification.

### Combined License

A combined license, issued under 10 CFR Part 52, authorizes construction of the facility and specifies the inspections, tests, and analyses that the licensee must perform. It will also specify the acceptance criteria that, if met, are necessary to provide reasonable assurance that the facility has been constructed and will be operated in conformity with the license and the applicable regulations.

### Construction Inspection

The NRC is reactivating the construction inspection program revision effort suspended in 1994. This effort will include review and revisions of applicable inspection guidance and training for inspection of critical attributes of construction processes and activities.

### Reactivation of Construction Permits

A licensee has indicated that it may consider resumption of construction and application for operation of an unfinished nuclear power plant. Resumption of construction would require the normal NRC reviews and inspections under the existing Construction Permit and application for operation would require the normal NRC reviews for an Operating License (OL) for the facility.

### Regulatory Infrastructure

The NRC staff is planning to update some of its regulations to facilitate its review of new applications. The Nuclear Energy Institute is considering proposing a New Plant Regulatory Framework.

### Current Activities

#### Readiness Assessment, Organizational Development, and Staffing

The NRC is performing a readiness assessment to develop postulated licensing scenarios for future application reviews, including resource estimates and critical skills. In addition, the NRC is determining the appropriate organizational structure for future licensing activities and will be staffed accordingly.

## Rulemaking

The NRC is currently revising several rules: (1) a revision to 10 CFR Part 52 to clarify and incorporate lessons learned from previous design certifications; (2) a revision to 10 CFR Part 51 to address higher enrichment fuel; and (3) a revision to 10 CFR Part 51 to clarify the scope of alternative site reviews when applying for an Early Site Permit.

## Pre-application Reviews

The NRC Policy Statement on advanced reactors encourages early interaction between applicants and vendors with the NRC. To that end, the following four applicants and vendors have initiated interactions with the NRC regarding different advanced reactor designs: (1) Westinghouse "AP1000," (2) Exelon "Pebble Bed Modular Reactor" (PBMR), (3) Westinghouse "International Reactor Innovative and Secure" (IRIS), and (4) General Atomics "Gas Turbine-Modular Helium Reactor" (GT-MHR).

cc: Mr. Ralph Beedle  
Senior Vice President  
and Chief Nuclear Officer  
Suite 400  
1776 I Street, NW  
Washington, DC 20006-3708

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

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

Dr. Gail Marcus  
U.S. Department of Energy  
Office of Nuclear Energy, Science & Technology  
NE-1, Room 5A-143  
1000 Independence Avenue, SW  
Washington, DC 20585

Mr. William D. Magwood, IV  
U.S. Department of Energy  
Office of Nuclear Energy, Science & Technology  
NE-1, Room 5A-143  
1000 Independence Avenue, SW  
Washington, DC 20585

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

Mr. James Riccio  
Public Citizen's Critical Mass Energy Project  
211 Pennsylvania Avenue, SE  
Washington, DC 20003

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

Ms. Wenonah Hauter  
Public Citizen  
Critical Mass Energy Project  
215 Pennsylvania Avenue, SE  
Washington, DC 20003

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

Mr. Thomas P. Miller  
U.S. Department of Energy, NE-20, Rm. A286  
Headquarters - Germantown  
19901 Germantown Road  
Germantown, MD 20874-1290

Mr. Steve Degerdon  
Fagan Engineers  
113 East Chemung Place  
Elmira, NY 14904

Mr. James Muntz  
Vice President, Nuclear Projects  
Exelon Generation  
300 Exelon Way  
Kenneth Square, PA 19348

Mr. Edward F. Sproat, III  
Vice President-Int'l Projects  
Exelon Generation  
300 Exelon Way  
Kenneth Square, PA 19348

Mr. Kevin Borton  
Exelon Generation  
300 Exelon Way  
Kenneth Square, PA 19348

Mr. Laurence Parme  
General Atomics  
2237 Trinity Drive  
Los Alamos, NM 87544

Mr. Edward L. Quinn  
MDM Services Corporation  
Utility Operations Division  
28202 Cabot Road, Suite 205  
Laguna Nigual, CA 92677

Mr. D. W. Coleman (Mail Drop PE20)  
Manager, Regulatory Affairs  
Energy Northwest  
P.O. Box 968  
Richland, WA 99352-0968

Mr. Michael Corletti  
Advanced Plant Safety & Licensing  
Westinghouse Electric Company  
P.O. Box 355  
Pittsburgh, PA 15230-0355

Mr. Paul Inserra (Mail Drop PE20)  
Manager, Licensing  
Energy Northwest  
P.O. Box 968  
Richland, WA 99352-0968

Mr. H. A. Sepp  
Westinghouse Electric Company  
P.O. Box 355  
Pittsburgh, PA 15230

Regional Administrator  
U.S. Nuclear Regulatory Commission  
Harris Tower & Pavilion  
611 Ryan Plaza Drive, Suite 400  
Arlington, TX 76011-8064

Lynn Connor  
Doc-Search Associates  
2211 sw 1<sup>ST</sup> Ave - #1502  
Portland, OR 97201

Chairman  
Benton County Board of Commissioners  
P.O. Box 69  
Prosser, WA 99350-0190

Barton Z. Cowan, Esq.  
Eckert Seamans Cherin & Mellott, LLC  
600 Grant Street 44<sup>th</sup> Floor  
Pittsburgh, PA 15219

Senior Resident Inspector  
U.S. Nuclear Regulatory Commission  
P.O. Box 69  
Richland, WA 99352-0069

Mr. Ed Rodwell, Manager  
Advanced Nuclear Plants' Systems  
Electric Power Research Institute  
3412 Hillview Avenue  
Palo Alto, CA 94304-1395

Mr. Rodney L. Webring (Mail Drop PE08)  
Vice President, Operations Support/PIO  
Energy Northwest  
P.O. Box 968  
Richland, WA 99352-0968

Mr. Greg O. Smith (Mail Drop 927M)  
Vice President, Generation  
Energy Northwest  
P.O. Box 968  
Richland, WA 99352-0968

Thomas C. Poindexter, Esq.  
Winston & Strawn  
1400 L Street, N.W.  
Washington, DC 20005-3502

Mr. Albert E. Mouncer (Mail Drop 1396)  
Chief Counsel  
Energy Northwest  
P.O. Box 968  
Richland, WA 99352-0968

Mr. Bob Nichols  
Executive Policy Division  
Office of the Governor  
P.O. Box 43113  
Olympia, WA 98504-3113

Ms. Deborah J. Ross, Chairman  
Energy Facility Site Evaluation Council  
P.O. Box 43172  
Olympia, WA 98504-3172

Ms. Lynn Albin  
Washington State Dept. of Health  
P.O. Box 7827  
Olympia, WA 98504-7827

Nina Bell, Rep.  
Northwest Environmental Advocates  
133 South West 2<sup>nd</sup>  
Suite 302  
Portland, OR 97204

David A. Repka, Esq.  
Winston & Strawn  
1400 L St., NW  
Washington, DC 20005

Mr. J. V. Parrish  
Chief Executive Officer  
Energy Northwest  
P.O. Box 968 (Mail Drop 1023)  
Richland, WA 99352-0968

Mr. W. E. Cummins, Director  
Passive Plant Development  
Westinghouse Electric Company  
P.O. Box 355  
Pittsburgh, PA 15230-0355

Mr. Steven A. Hucik, General Manager  
Nuclear Plant Projects  
GE Nuclear Energy  
175 Curtner Avenue, M/C 780  
San Jose, CA 95125-1088

Dr. Regis A. Matzie  
Senior Vice President of Nuclear Systems  
Westinghouse Electric Company  
P.O. Box 500  
2000 Day Hill Road  
Windsor, CT 06095-0500