

June 21, 2002

ORGANIZATION: Nuclear Energy Institute (NEI)

SUBJECT: SUMMARY OF MEETING WITH THE NUCLEAR ENERGY INSTITUTE  
REGARDING EARLY SITE PERMIT (ESP) ISSUES

On May 28, 2002, representatives from NEI met with the Nuclear Regulatory Commission (NRC) staff. The meeting was requested by NEI in order to discuss issues related to ESP applications and reviews. Representatives from Dominion Generation (Dominion), Exelon Generating Company (Exelon) and Entergy Operations, Inc. (Entergy) were in attendance.

Enclosure 1 is a list of the meeting attendees. The NRC maintains an Agencywide Documents Access and Management System (ADAMS), which provides text and image files of NRC's public documents. A copy of the handouts from the meeting are provided as Enclosure 2, and may be accessed through the ADAMS system under Accession Number M021570376. If you do not have access to ADAMS or if there are problems in accessing the handouts located in ADAMS, contact the NRC Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737 or by e-mail to [pdrc@nrc.gov](mailto:pdrc@nrc.gov).

#### ESP Applicant Preparations

The meeting began with Dominion, Entergy, and Exelon providing a high level overview of the ESP applications for North Anna, Grand Gulf and Clinton sites, respectively. The discussion included a description of the organizational structure and milestones and schedules for the applications. Exelon and Entergy indicated that they were targeting an ESP application date of early summer 2003, and Dominion indicated it was targeting September 2003.

#### NRC Organization for ESP Applicants and Fee Structure

The staff explained its organizational structure for review of the ESP applications and provided the names of the project managers for the safety review and environmental review that were assigned to the respective projects. The staff indicated that each applicant would receive a project number to track preapplication activities. Each applicant expressed interest in pursuing a fee reduction for review of the ESP applications. The staff took an action to provide the applicants with information regarding the process used to request a fee reduction similar to what was pursued for the first few license renewal applications. The applicants also requested that the staff consider whether public outreach meetings that the NRC will hold near the site will be fee-billable.

#### ESP Quality Assurance (QA) Issues

NEI and the staff then discussed QA issues. In a February 22, 2002, letter, (ADAMS Accession Number ML020590120) the staff provided a proposed process for interactions with

the applicants to resolve issues associated with ESP data collection QA as soon as possible. NEI responded to the NRC's proposed process in a May 20, 2002, letter (ADAMS Accession Number ML021680023). During the meeting, NEI explained that a blanket use of an existing operating plant QA program was problematic for several reasons including: QA program and procedures were written specifically for operating plant structures, systems and components, and not for siting studies; organizational differences between operating company and entities exploring ESPs; and intra-company restrictions. NEI then provided an example based on Entergy's ESP application to illustrate the point. The staff indicated that high-level discussions regarding QA for ESP data collection made it difficult for the staff to identify potential issues. The staff stated that although there is no requirement for an NRC preapplication review of an applicant's QA plan, the staff believes that such a review would be beneficial for ensuring that the ESP review is completed in a timely matter. The applicants took an action to consider whether or not to submit a preapplication QA data collection plan, and if such a plan were submitted, what level of NRC review the applicants would request.

#### ESP Issues Status Summaries, NRC ESP Review Standard, and Timing of NRC Public Meetings

NEI and the staff then discussed ESP issues status summaries, the development of an NRC ESP review standard, and timing of NRC public meetings. Regarding ESP issue status summaries, the staff stated that they envisioned a process similar to what was used for license renewal to track generic issues associated with an ESP review. The staff and NEI took an action to work out the details of a common database for tracking the resolution of issues and to identify which issues are generic and which are applicant-specific for future meetings. Regarding an NRC ESP review standard, the staff stated that a similar review standard is being developed for power uprates and the purpose of the standards is to consolidate the guidance for the reviews in one place. The staff stated that it hoped to issue an ESP review standard by the end of the year for comment and use. Regarding the timing of public meetings, the staff indicated that it was working toward a public meeting near the announced ESP sites beginning in the fall of 2002 and that it would work with its stakeholders to coordinate this effort.

#### NEI Timeline for ESP Application Reviews

The meeting ended with a discussion of NEI's proposed timeline for ESP application reviews that was provided to the staff in a April 1, 2002, senior management meeting. The staff stated that it was developing an integrated schedule for the ESP reviews based on the ESP applicant submittal dates and that it would provide feedback to NEI by September 2002, on its proposed timeline.

*/RA/*

Joseph M. Sebrosky, Senior Project Manager  
New Reactor Licensing Project Office  
Office of Nuclear Reactor Regulation

Project No. 689

Enclosures: As stated

cc w/encls: See next page

Accession Number ML021680023). During the meeting, NEI explained that a blanket use of an existing operating plant QA program was problematic for several reasons including: QA program and procedures were written specifically for operating plant structures, systems and components, and not for siting studies; organizational differences between operating company and entities exploring ESPs; and intra-company restrictions. NEI then provided an example based on Entergy's ESP application to illustrate the point. The staff indicated that high-level discussions regarding QA for ESP data collection made it difficult for the staff to identify potential issues. The staff stated that although there is no requirement for an NRC preapplication review of an applicant's QA plan, the staff believes that such a review would be beneficial for ensuring that the ESP review is completed in a timely matter. The applicants took an action to consider whether or not to submit a preapplication QA data collection plan, and if such a plan were submitted, what level of NRC review the applicants would request.

ESP Issues Status Summaries, NRC ESP Review Standard, and Timing of NRC Public Meetings

NEI and the staff then discussed ESP issues status summaries, the development of an NRC ESP review standard, and timing of NRC public meetings. Regarding ESP issue status summaries, the staff stated that they envisioned a process similar to what was used for license renewal to track generic issues associated with an ESP review. The staff and NEI took an action to work out the details of a common database for tracking the resolution of issues and to identify which issues are generic and which are applicant-specific for future meetings. Regarding an NRC ESP review standard, the staff stated that a similar review standard is being developed for power uprates and the purpose of the standards is to consolidate the guidance for the reviews in one place. The staff stated that it hoped to issue an ESP review standard by the end of the year for comment and use. Regarding the timing of public meetings, the staff indicated that it was working toward a public meeting near the announced ESP sites beginning in the fall of 2002 and that it would work with its stakeholders to coordinate this effort.

NEI Timeline for ESP Application Reviews

The meeting ended with a discussion of NEI's proposed timeline for ESP application reviews that was provided to the staff in a April 1, 2002, senior management meeting. The staff stated that it was developing an integrated schedule for the ESP reviews based on the ESP applicant submittal dates and that it would provide feedback to NEI by September 2002, on its proposed timeline.

*/RA/*

Joseph M. Sebrosky, Senior Project Manager  
 New Reactor Licensing Project Office  
 Office of Nuclear Reactor Regulation

Project No. 689

Enclosures: As stated

cc w/encls: See next page

ACCESSION NUMBER: ML021720693-Pkg.

OFFICE	PM:NRLPO	(A)DD:NRLPO
NAME	JSebrosky	TBergman
DATE	6/19/02	6/21/02

Document Name: C:\ORPCheckout\FileNET\ML021720707.wpd

**OFFICIAL RECORD COPY**

Distribution for Meeting Summary Dated June 21, 2002

Hard Copy

NRLPO Rdg.

RJenkins

JSebrosky

E-mail

PUBLIC

NRLPO Reading

RidsNrrOD (SCollins/JJohnson)

RidsNrrAdip (WBorchardt)

NRLPO Group (except for Hard copy recipients)

JTappert

BZalcman

TKenyon

RPrato

TFoley

TCerne

JBlake

RGardner

CPaulk

LBrown

KNaidu

GBagchi

JCushing

CHinson

KCampe

SWong

EFox

RMcIntyre

JLee

MCheok

EPotat

SBrock

JHeck

ACRS/ACNW

RidsOgcRp

**Meeting**  
**With the Nuclear Energy Institute**  
**May 28, 2002**

**Attendance List**

**NRC**

James Lyons, NRR/NRLPO  
Joe Sebrosky, NRR  
Jerry Wilson, NRR  
Nanette Gilles, NRR  
Stephen Koenick, NRR  
John Tappert, NRR  
Barry Zalcman, NRR  
Thomas Kenyon, NRR  
Jim Wilson, NRR  
Bob Prato, NRR  
Tom Foley, NRR  
Tony Cerne, Region I  
Jerry Blake, Region II  
Ron Gardner, Region III  
Chuck Paulk, Region IV  
Leta Brown, NRR  
Kamal Naidu, NRR  
Goutam Bagchi, NRR  
Jack Cushing, NRR  
Charles Hinson, NRR  
Kaz Campe, NRR  
See-Meng Wong, NRR  
Edwin Fox, NRR  
Rich McIntyre, NRR  
Jay Lee, NRR  
Mike Cheok, NRR  
Ellen Poteat, OCFO  
Sara Brock, OGC  
Jared Heck, OGC

**Nuclear Energy Institute**

Ron Simard  
Russ Bell  
Mitch Singer

**Other Interested Attendees**

Kevin F. Borton, Exelon Nuclear  
Joe Sweeney, Exelon Generation  
Thomas P. Mundy, Exelon Nuclear  
George Zinke, Entergy  
Mike Bourgeois, Entergy  
Joe Hegner, Dominion  
Spencer Semmes, Dominion  
Steve Routh, Bechtel  
Lane Hay, SERCH Bechtel  
J Guy Cesare Jr, Enercon Services  
Bob Evans, Enercon Services  
Doug Whitson, Enercon  
Don Chapman, CH2M Hill  
Amy Lientz, CH2M Hill  
Roger Huston, Licensing Support Services  
Jenny Weil, McGraw Hill  
Deann Raleigh, LIS, Scientech  
Don Cleary, Cleary Assoc.  
Edward Burns, Washington Group International  
Charles Brinkman, Westinghouse  
Eva Eckert Hickey, Battelle PNNL  
B.P. Singh, Department of Energy  
Steve Frantz, Morgan, Lewis and Bockus LLP  
Paul Barton, Arkansas Democrat Gazette

cc: Mr. Ralph Beedle  
Senior Vice President  
and Chief Nuclear Officer  
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. Charles Brinkman  
Westinghouse Electric Co.  
Washington Operations  
12300 Twinbrook Parkway, Suite 330  
Rockville, MD 20852

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

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

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

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

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

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

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

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

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

Mr. Kevin Borton  
Exelon Generation  
200 Exelon Way  
Kennett Square, PA 19348

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

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

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

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

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

Mr. Ed Rodwell, Manager  
PWR Design Certification  
Electric Power Research Institute  
3412 Hillview Avenue  
Palo Alto, CA 94304-1395

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

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

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

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

Mr. Edwin Lyman  
Nuclear Control Institute  
1000 Connecticut Avenue, NW  
Suite 410  
Washington, DC 20036

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

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

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

Mr. Rodney L. Webring (Mail Drop PE08)  
Vice President, Operations Support/PIO  
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. Bob Nichols  
Executive Policy Division  
Office of the Governor  
P.O. Box 43113  
Olympia, WA 98504-3113

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. Edward Cummins  
Advanced Plant Safety & Licensing  
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

Mr. Jack W. Roe  
SCIENTECH, INC.  
910 Clopper Road  
Gaithersburg, MD 20878

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

Mr. John Schlecht  
Institute of Iron Working Industry  
Suite 400  
1750 New York Avenue, NW  
Washington, DC 20006

Rod M. Krich, Vice President  
Licensing Projects  
Exelon Nuclear  
4300 Winifield Road, 2nd Floor  
Warrenville, IL 60555

Mr. Stephen P. Frantz  
Morgan, Lewis, & Bockius, LLP  
1111 Pennsylvania Avenue, NW  
Washington, DC 20004

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

Mr. James F. Mallay, Director  
Regulatory Affairs  
FRAMATOME, ANP  
3315 Old Forest Road  
Lynchburg, VA. 24501

Mr. Tom Clements  
6703 Gude Avenue  
Takoma Park, MD 20912

Mr. Horace R. Hall, Commercial Manager  
Nuclear Business Team  
UCAR Carbon Company, Inc.  
P.O. Box 2170  
Clarksburg, West Virginia 26302-2170

Hugh Jackson, Policy Analyst  
Public Citizen's Critical Mass Energy  
and Environment Program  
1724 Duarte Drive  
Henderson, NV 89014

Patricia Campbell  
Winston & Strawn  
1400 L Street, NW  
Washington, DC 20005