

March 9, 2007

MEMORANDUM TO: Doug W. Weaver, Branch Chief
Guidance, Infrastructure and Financial Review Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: William D. Reckley, Project Manager */RA/*
Guidance, Infrastructure and Financial Review Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF FEBRUARY 21, 2007, PUBLIC MEETING WITH
INDUSTRY'S NEW PLANT WORKING GROUP

On February 21, 2007, the Nuclear Regulatory Commission (NRC) staff met in a public meeting with representatives from the new plant working group. The new plant working group consists of management representatives from potential applicants, reactor vendors, and the Nuclear Energy Institute (NEI) and meets periodically with NRC managers to discuss issues related to the licensing of new nuclear power reactors. A list of meeting attendees is enclosed.

The attendees discussed the NRC fiscal year 2007 budget recently passed by Congress and the impact of operating under a continuing resolution for the first half of the fiscal year. Some pre-application discussions to support the NRC's environmental reviews were delayed as a result of a lack of funds and the NRC is now attempting to renew those discussions with specific applicants. The NRC discussed a planned regulatory issue summary (RIS) that would request information on expected combined license applications and related construction schedules. Such information is important in formulating the assumptions for future NRC budgets. Applicants that consider such information to be confidential commercial or financial information may request withholding of their plans under the provisions of 10 CFR 2.390, "Public inspections, exemptions, requests for withholding."

The meeting included a short discussion of design acceptance criteria (DAC) with the NRC recommending a desire to resolve DAC as soon as practical by using tools such as technical reports. Separate meetings on this topic will be coordinated through the design center working groups (DCWGs) and will include interfaces with the construction inspection program (CIP) and inspections, tests, analyses, and acceptance criteria (ITAAC).

The NRC briefly discussed a proposal to use an expanded period (e.g., 60 versus 30 days) following receipt of a combined license application to perform an acceptance review and to prepare application-specific review plans and schedules.

The meeting participants also had a brief discussion of the various forums available to present and discuss issues related to combined license applications. In addition to the routine design center and new plant working group meetings, the staff and managers need to consider meetings and conferences such as the NRC's regulatory information conference, the annual utility working conference, and American Nuclear Society and other professional society conferences. The possibility of NEI-sponsored workshops was also mentioned.

The NRC staff provided a status report on current applications for early site permits and reactor design certifications as well as the updating of the standard review plan (SRP) and regulatory guides. Some members of the new plant working group expressed concerns regarding specific regulatory guides as well as concerns on the use of the regulatory guides by the NRC staff in terms of forcing compliance on both new and operating plants. Additional concerns were expressed about the criteria used to initiate updates of regulatory guides.

The new plant working group provided information on the required coordination of items related to operator licensing and the design, procurement and testing of simulators to support operation of new plants. Several applicants expect to need operational simulators by 2010 which would in turn require timely resolution of issues and finalization of designs on digital instrumentation and controls (I&C) and control room layouts. While acknowledging existing working groups on digital I&C, the meeting participants thought that additional meetings to ensure appropriate consideration and coordination of activities related to design, licensing, construction, and operator training and licensing. It was agreed that meetings between the NRC and industry will be arranged in the relatively near future through either the design center working groups or NEI. The topic will be discussed during a digital I&C steering group meeting on March 26, 2007.

Members of the new plant working group expressed surprise about recent invoices received from the Department of Homeland Security (Federal Emergency Management Agency (FEMA)) related to emergency preparedness reviews for sites included in the NRC status of new plants (based on letters of intent from potential applicants). They identified possible changes to the FEMA billing process to reflect site differences (i.e., sites with existing approved emergency plans versus new sites). The members of the new plant working group are expected to raise their issues directly to FEMA.

The new plant working group briefly discussed the need to resolve seismic issues related to high frequency motions and proposed to submit an NEI white paper to address this issue. The topic will be discussed during a meeting planned for March 1, 2007, with the AP-1000 design center working group on geotechnical and seismic design issues.

The NRC staff expressed a need to have further discussions with the industry on quality assurance related to new plants. The NRC needs to develop programs related to quality assurance reviews and inspections and the industry also has a task force assessing issues such as procurement from foreign vendors. The participants agreed to arrange a separate meeting between the industry and NRC staff (through a design center working group or NEI) within the next few weeks (tentatively set for week of March 26). The NRC staff and new plant working group agreed to include the Nuclear Procurement Issues Committee (NUPIC) in future discussions and meetings.

The meeting participants briefly discussed the issue of the expected level of detail in combined license applications. The topical reports submitted thus far were identified as a useful mechanism to resolve level of detail questions prior to submitting combined license applications. Several examples (e.g., the discussions of radioactive waste systems during a workshop on February 1, 2007) were raised where the applicants and NRC staff seemed to have differing expectations on the level of detail and timing of information to be provided to support a combined license application. It was agreed that such cases would continue to be raised and discussed during meetings of the design center working groups.

The next meeting between the new plant working group and the NRC staff will be scheduled for May 2007.

Enclosure: List of Attendees

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The next meeting between the new plant working group and the NRC staff will be scheduled for May 2007.

Enclosure: List of Attendees

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OFFICE	NRO/NGIF
NAME	WReckley wdr
DATE	03/09/07

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New Plant Working Group Meeting
 February 21, 2007
 Attendance List

David Matthews	NRC/NRO/DNRL
Glenn Tracy	NRC/NRO/DCIP
Jim Lyons	NRC/NRO/DSER
Phyllis Bower	NRC/NRO/DNRL
Stephanie Coffin	NRC/NRO/DNRL/NWE1
Doug Weaver	NRC/NRO/DNRL/NGIF
Bill Reckley	NRC/NRO/DNRL/NGIF
Adrian Heymer	NEI
Russ Bell	NEI
Leslie Kass	NEI
Alan Nelson	NEI
James Fisicaro	NEI
Scotty Hinnant	Progress Energy
J. A. (Buzz) Miller	Southern Nuclear
Marvin Smith	Dominion
Marilyn Kray	Nustart
Bryan Dolan	Duke Energy
Terry Pickens	Xcel Energy
Steven Hucik	GE Nuclear Energy
A. E. Scherer	SCE
Ed Cummins	Westinghouse
Ron Clary	SCE&G
Richard Hill	Southern Nuclear
Tim Cleary	Progress Energy
Joe Mihalcik	Constellation Energy/Unistar
Ron Affolter	Averva

Enclosure

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Mark McBurnett	STPNOC
Gary Vine	EPRI
Robert Regan	DTE Energy
Mark Giles	Entergy
Tom Mulford	EPRI
Gary Fader	INPO
Paul Hinnenkamp	Entergy
Mitch Lucas	TXU Power
Jim Maddox	INPO
Mike Moran	FPL
John Polcyn	CH2M Hill
Amanda Leissooa	GAO
Rebecca Cooper	Exchange Monitor
Deann Raliegh	Scientech

**New Plant Working Group
cc (page 1):**

Mr. C. S. Hinnant,
Senior Vice President and
Chief Nuclear Officer
Progress Energy, Inc.
PO Box 1551
411 Fayetteville Street Mall
Raleigh NC 27602

Ms. Marilyn Kray, President
Nustart Energy Development
200 Exelon Way, KSA 3-N
Kennett Square, PA 19348

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

Mr. Bryan J. Dolan
Vice President - Nuclear Plant Development
526 South Church Street
MailCode: EC05R
Charlotte, NC 28202

Mr. C. Randy Hutchinson
Senior Vice President - Business
Development
Entergy Nuclear, Inc.
Sr. Box 32000
Jackson, MS 39286

Mr. Stephen A. Byrne
Sr. Vice President Generation and
Chief Nuclear Officer
South Carolina Electric and Gas
MC 196 Palmetto Center
Columbia, SC 29218

Mr. J. A. "Buzz" Miller, Senior Vice President
Nuclear Development
Southern Nuclear Operating Company, Inc.
40 Inverness Center Parkway
P.O. Box 1295
Birmingham, AL 35201

Mr. R. M. Krich
Senior Vice President, Regulatory Affairs
Unistar Nuclear
111 Market Place
Suite 200
Baltimore, Maryland 21202

Mr. James J. Sheppard
President and Chief Executive Officer
STP Nuclear Operating Company
South Texas Project Electric
Generating Station
P. O. Box 289
Wadsworth, TX 77483

Mr. David Hinds, Manager, ESBWR
General Electric Company
P.O. Box 780, M/C J70
Wilmington, NC 28402-0780

Mr. Bruce W. Bevilacqua,
Vice President, New Plants Engineering
Westinghouse Electric Company
Nuclear Power Plants
P.O. Box 355
Pittsburgh, Pennsylvania 15230-0355

Ronnie L. Gardner, Manager
Site Operations and Regulatory Affairs
AREVA NP
3315 Old Forrest Road
P.O. Box 10935
Lynchburg, VA 24506-0935

Steven A. Hucik
General Manager, Nuclear Plant Projects
GE Nuclear Energy
P. O. Box 780 - /C A45
Wilmington, NC 28401

**New Plant Working Group
cc (page 2):**

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

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

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

**Combination List:
cc (page 1):**

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

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

Ms. Patricia Campbell
Washington Regulatory Affairs Director
General Electric Company
1299 Pennsylvania Avenue, NW
9th Floor
Washington, DC 20004,

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

Dr. Jack W. Roe
Nuclear Energy Institute
1776 I Street, NW
Washington, DC 20006-3708

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

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

**Combination List:
cc (page 2):**

Mr. Lionel Batty
Nuclear Business Team
Grafftech
12300 Snow Road
Parma, Ohio 44130

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

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

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

Dr. Regis A. Matzie
Senior Vice President and
Chief Technology Officer
Westinghouse Electric Company
2000 Day Hill Road
Windsor, CT 06095-0500

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

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. Kathryn Sutton, Esq.
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

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

Combination List:

cc (page 3):

E-Mail:

tom.miller@nuclear.energy.gov
sandra.sloan@areva.com
mwetterhahn@winston.com
gcesare@enercon.com
whorin@winston.com
eddie.grant@exeloncorp.com
louis.quintana@ge.com
steven.hucik@ge.com
david.hinds@ge.com
chris.maslak@ge.com
jim@ncwarn.org
pshastings@duke-energy.com
ronald.hagen@eia.doe.gov
murawski@newsobserver.com
james1.beard@ge.com
steven_dolley@platts.com
lck@nei.org
ronald.affolter@areva.com
rjb@nei.org
awc@nei.org
ryuji.imasaki@toshiba.com
jvorees@bechtel.com
trsmith@winston.com
bbanks@schnabel-eng.com
jmisiag@sebsolutions.com
garrymiller@pgnmail.com
josephmihalcik@constellation.com
advorak@anl.gov
sychen@anl.gov
njnumark@numarkassoc.com
martha.shields@nuclear.energy.gov
gvine@epri.com
tmulford@epri.com
kwarnock@roe.com