

October 2, 2006

MEMORANDUM TO: Allen G. Howe, Chief  
Electronic Instrumentation and Control Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation

FROM: Ronald J. Harrington, Engineer */RA/*  
Electronic Instrumentation and Control Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation

SUBJECT: MEETING WITH NEI AND NUCLEAR POWER INDUSTRIES  
REGARDING INSTRUMENTATION AND CONTROL  
TECHNICAL ISSUES

DATE & TIME: Thursday, October 19, 2006  
9:30 a.m. - 4:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
One White Flint North  
Conference Room 3B4  
11555 Rockville Pike  
Rockville, Maryland 20852

PURPOSE: US NRC staff and industry representatives will discuss current issues  
Affecting both operating plants and expected new reactor COL  
applications (See Enclosed Agenda).

CATEGORY 1:.\* This is a Category 1 Meeting. The public is invited to observe this  
Meeting and will have one or more opportunities to communicate with the  
NRC after the business portion, but before the meeting is adjourned.

PARTICIPANTS: Participants from the NRC include members from the Office of Nuclear  
Reactor Regulation (NRR) and the Office of Research (RES).

<u>NRC</u>	<u>NEI</u>
A. Howe	Tony Harris
W. Kemper	
J. Bongarra	
S. Mitra	
R. Harrington	

Enclosure: Agenda

cc: See next page

CONTACT: Ronald J. Harrington, NRR, at 301-415-3943 or [rjh1@nrc.gov](mailto:rjh1@nrc.gov)

\*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"

67 *Federal Register* 36920, May 28, 2002

MEMORANDUM TO: Allen G. Howe, Chief  
Electronic Instrumentation and Control Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation

FROM: Ronald J. Harrington, Engineer  
Electronic Instrumentation and Control Branch  
Division of Engineering  
Office of Nuclear Reactor Regulation

SUBJECT: MEETING WITH NEI AND NUCLEAR POWER INDUSTRIES  
REGARDING INSTRUMENTATION AND CONTROL  
TECHNICAL ISSUES

DATE & TIME: Thursday, October 19, 2006  
9:30 a.m. - 4:30 p.m.

LOCATION: U.S. Nuclear Regulatory Commission  
One White Flint North  
Conference Room 3B4  
11555 Rockville Pike  
Rockville, Maryland 20852

PURPOSE: US NRC staff and industry representatives will discuss current issues  
Affecting both operating plants and expected new reactor COL  
applications (See Enclosed Agenda).

CATEGORY 1:\* This is a Category 1 Meeting. The public is invited to observe this  
Meeting and will have one or more opportunities to communicate with the  
NRC after the business portion, but before the meeting is adjourned.

PARTICIPANTS: Participants from the NRC include members from the Office of Nuclear  
Reactor Regulation (NRR) and the Office of Research (RES).

NRC  
A. Howe  
W. Kemper  
J. Bongarra  
S. Mitra  
R. Harrington

NEI  
Tony Harris

Enclosure: Agenda

cc: See next page

CONTACT: Ronald J. Harrington, NRR, at 301-415-3943 or [rjh1@nrc.gov](mailto:rjh1@nrc.gov)

\*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"

67 *Federal Register* 36920, May 28, 2002 **ADAMS ML062750393**

Office	NRR/APOB	NRR/EICA	NRR/NGDB
Name	RHarrington	AHowe	SMitra
Date	10/02/2006	10/02/2006	10/02/2006

OFFICIAL RECORD COPY

Agenda for Public Meeting Between  
Nuclear Power Industries and the NRC  
Regarding Significant Technical  
Instrumentation and Control Issues

October 19, 2006

Time (approx)	Topic
9:30	Introductory Remarks
9:45	Issue Identification, Prioritization, and Resolution Path Discussion Concerning the Following Topics: <ul style="list-style-type: none"><li>* Communication between channels and between safety and non-safety systems</li><li>* Improved defense-in-depth and diversity methodologies (D3)</li></ul>
12:00	Lunch
1:00	Discussion Continued: <ul style="list-style-type: none"><li>* Cyber security issues related to Reg Guide 1.152</li><li>* Human factors and advanced control room issues</li></ul>
4:15	Closing and Adjournment

Distribution:

Hard Copy

OWFN Receptionist (meeting notices)

TWFN Receptionist (meeting notices)

E-Mail

PUBLIC

PMNS (meeting notices only)

NRR\_DE

Allen Howe

S.K. Mitra

Ronald Harrington

William Kemper

Roman Shaffer

James Bongarra

Julius Persensky

Nancy Salgado

Michael Waterman

Scott Morris

Steven Arndt

Clifford Douth

Martin Stutzke

Nilesh Chokshi

Combination List

cc:

K. Tony Harris  
1776 I St. NW, Suite 400  
Washington, DC 20006

Kimberly Keithline  
1776 I St. NW, Suite 400  
Washington, DC 20006

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

Mr. Edward L. Quinn  
Longenecker and Associates

Dominion Generation  
Early Site Permitting Project  
5000 Dominion Boulevard  
Glen Allen, VA 23060

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

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

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

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

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

Utility Operations Division  
23292 Pompeii Drive  
Dana Point, CA 92629

Ms. Patricia Campbell  
Morgan, Lewis & Bockius, LLP  
1111 Pennsylvania Avenue, NW  
Washington, DC 20004

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

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

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

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

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

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

Mr. Jerald S. Holm  
Framatome ANP, 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

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

E-Mail:

[kah@nei.org](mailto:kah@nei.org)

[kak@nei.org](mailto:kak@nei.org)

[tom.miller@hq.doe.gov](mailto:tom.miller@hq.doe.gov) or [tom.miller@nuclear.energy.gov](mailto:tom.miller@nuclear.energy.gov)

[gerald.holm@framatome-anp.com](mailto:gerald.holm@framatome-anp.com)

[mwetterhahn@winston.com](mailto:mwetterhahn@winston.com)

[gcesare@enercon.com](mailto:gcesare@enercon.com)

[whorin@winston.com](mailto:whorin@winston.com)

[eddie.grant@exeloncorp.com](mailto:eddie.grant@exeloncorp.com)

[louis.quintana@ge.com](mailto:louis.quintana@ge.com)

[steven.hucik@ge.com](mailto:steven.hucik@ge.com)

[david.hinds@ge.com](mailto:david.hinds@ge.com)

[chris.maslak@ge.com](mailto:chris.maslak@ge.com)

[jim@mcwarn.org](mailto:jim@mcwarn.org)

[pshastings@duke-energy.com](mailto:pshastings@duke-energy.com)

[ronald.hagen@eia.doe.gov](mailto:ronald.hagen@eia.doe.gov)

[murawski@newsobserver.com](mailto:murawski@newsobserver.com)  
[james1.beard@ge.com](mailto:james1.beard@ge.com)