

June 3, 2004

ORGANIZATION: Nuclear Energy Institute (NEI)

SUBJECT: SUMMARY OF APRIL 27, 2004, WORKSHOP TO DISCUSS  
EMERGENCY PLANNING INSPECTIONS, TESTS, ANALYSES, AND  
ACCEPTANCE CRITERIA (ITAAC)

On April 27, 2004, a Category 3 facilitated and transcribed public workshop was held between the U.S. Nuclear Regulatory Commission (NRC) and interested stakeholders at NRC Headquarters in Rockville, MD. The purpose of this meeting was to solicit comments on draft proposed emergency planning (EP) ITAAC. A list of meeting attendees is included as Attachment 1. The meeting agenda is provided as Attachment 2.

Handouts were provided during the workshop by both the staff and NEI. The handouts can be accessed through the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML041190440. The corrected transcript of the workshop is also available in ADAMS under Accession No. ML041330357. This system provides text and image files of NRC's public documents. 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 [pdr@nrc.gov](mailto:pdr@nrc.gov).

#### Highlights of the Workshop

The NRC staff, in consultation with Department of Homeland Security/Federal Emergency Management Agency (DHS/FEMA) staff, crafted the draft proposed EP ITAAC, which address 15 of the 16 EP standards in 10 CFR Part 50.47(b) and NUREG-0654/FEMA-REP-1, Rev. 1. (The excluded planning standard, 50.47(b)(13), pertains to the development of general plans for recovery and reentry, and was determined not to be applicable to EP ITAAC). Prior to the meeting the NRC issued a *Federal Register* Notice (FRN) to (1) announce the availability of the draft proposed EP ITAAC, (2) announce the April 27, 2004, workshop and (3) solicit written comments on the draft proposed EP ITAAC. The draft proposed EP ITAAC are available in ADAMS under Accession No. 033010440. The comment period for the FRN ended on May 27, 2004.

Participants at the workshop included representatives from industry, DHS/FEMA, the Commonwealth of Virginia and the State of Illinois. The main topics of discussion were the role of risk information in the development of EP ITAAC and whether it is appropriate to have ITAAC associated with offsite actions.

*/RA/*

Joseph Sebrosky, Senior Project Manager  
New Reactors Section  
New, Research and Test Reactors Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Project No. 689

Attachments: 1. List of attendees  
2. Agenda

cc w/ atts: See next page

Participants at the workshop included representatives from industry, DHS/FEMA, the Commonwealth of Virginia and the State of Illinois. The main topics of discussion were the role of risk information in the development of EP ITAAC and whether it is appropriate to have ITAAC associated with offsite actions.

*/RA/*

Joseph Sebrosky, Senior Project Manager  
New Reactors Section  
New, Research and Test Reactors Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Proj No. 689

Attachments: 1. List of attendees  
2. Agenda

cc w/ atts: See next page

ADAMS ACCESSION NUMBER: ML041540176-Package

OFFICE	PM:RNRP	EPPO	SC:RNRP
NAME	JSebrosky	DBarss	LDudes-JFW for:
DATE	6/2/04	6/3/04	6/3/04

**OFFICIAL RECORD COPY**

Distribution for April 27, 2004, Meeting Summary dated June 3, 2004

Hard Copy

RNRP R/F  
JMSebrosky  
LDudes

E-Mail

PUBLIC  
PMNS  
JDyer (RidsNrrOd)  
RBorchardt  
BSheron (RidsNrrAdpt)  
FEltawila  
NRR/ADPT Secretary [RidsNrrAdpt]  
RNRP Group  
DMatthews  
BBoger  
CCarpenter  
SRichards  
DCoe  
TQuay  
JHannon  
SWeerakkody  
EWeiss  
JWermiel  
FAkstulewicz  
MRubin  
WBateman  
ESullivan  
GBagchi  
SCoffin  
TChan  
ALund  
GImbro  
DTerao  
KManoly  
JCalvo  
EMarinos  
RJenkins  
TJKim, EDO  
MJohnson  
MReinhart  
CCasto

RMcIntyre  
TFoley  
DThatcher  
SAlexander  
TMensah (NRR Communication Coord)  
ACRS (RidsAcrcsMailCenter)  
OPA  
MEI-Zeftway  
MAAshley  
JBlake  
RGardner  
CPaulk  
LCampbell  
Mltzkowitz, OGC  
RWeisman, OGC  
GMizuno, OGC  
TKenyon  
NIqbal  
PQualls  
DBarss  
BMusico  
DNelson, OE

External e-mail

bhupinder.singh@hq.doe.gov  
tom.miller@hq.doe.gov  
Vanessa.Quinn@dhs.gov  
Kenneth.Wierman@dhs.gov  
James.Purvis@dhs.gov

**EP ITAAC Workshop**  
**April 27, 2004**  
**Attendance List**

**NRC**

Nader Mamish      NRR/EPPO  
Eric Weiss            NRR/EPPO  
Dan Barss            NRR/EPPO  
Bruce Musico        NRR/EPPO  
Robert Kahler        NRR/EPPO

**NEI**

Russell Bell  
Adrian Heymer  
Alan Nelson

**Other Interested Attendees**

Bob Moody	NRR/EPPO	Chris Boone	Southern Company
Jim Lyons	NRR/DRIP/RNRP	Charlie Brinkman	Westinghouse
Laura Dudes	NRR/DRIP/RNRP	John Costello	Dominion
Joe Sebrosky	NRR/DRIP/RNRP	Steve Frantz	Morgan Lewis & Bockius
Jerry Wilson	NRR/DRIP/RNRP	Ben George	Southern Nuclear
Raj Anand	NRR/DRIP/RNRP	Eddie Grant	Exelon/Excel
Nanette Gilles	NRR/DRIP/RNRP	Shinichi Hayafune	Energy USA Inc.
Bob Weisman	OGC	Lane Hay	SERCH Licensing Bechtel
Geary Mizuno	OGC	Joe Hegner	Dominion

Ryuji Iwasaki	Toshiba
George Zinke	Entergy
Larry Drbal	Black and Veatch
Herb Fontecilla	Dominion
Mark Smith	USEC, Inc.
Edward Burns	Self

**FEMA**

Kenneth Weirman  
James Purvis

**State Agencies**

Kathy Allen	Illinois Emergency Management Agency
George Urquhart	Virginia Department of Emergency Management

Agenda  
EP ITAAC Workshop at the NRC Auditorium  
April 27, 2004

10:30 a.m.	Introduction, Objective, and Ground rules of the workshop	Chip Cameron NRC Facilitator
10.45 a.m.	Background: (a) ITAAC basic principles (b) Emergency Planning (EP) ITAAC	Joe Sebrosky Bruce Musico NRC
11.30 a.m.	A risk informed approach to EP ITAAC	Russ Bell NEI
12.15 p.m.	LUNCH	
1.15 P.M.	Participant discussion area 1: What EP issues should be resolved before the COL	
2.15 p.m.	Participant discussion area 2: State and local government participation	
3.00 p.m.	Participant discussion area 3: Concurrent EP ITAAC review	
3.30 p.m.	Break	
3.45 p.m.	Participant discussion area 4: Exiting sites and "greenfield"; FEMA verification; other issues	
4.30 p.m.	Summary	
4.45 p.m.	Adjourn	

NOTE: Specific topics and associated discussion times may change without notice

Combination List:

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

Dr. Gail H. 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. Paul Gunter  
Nuclear Information & Resource Service  
1424 16<sup>th</sup> 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

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

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  
MDM Services Corporations  
Utility Operations Division  
28202 Cabot Road, Suite 205  
Laguna Nigual, CA 92677

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

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

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

Ms. Patricia Campbell  
Winston & Strawn  
1400 L St., NW  
Washington, DC 20005

June 4, 2004

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

Dr. Robert E. Gamble  
Engineering Manager, ESBWR  
GE Nuclear Energy  
175 Curtner Avenue, MC 365  
San Jose, CA 95125

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

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

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

Mr. Lionel Batty  
Nuclear Business Team  
Graftech  
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

Dr. Atambir S. Rao  
Project Manager, ESBWR  
GE Nuclear Energy  
175 Curtner Avenue, MC 365  
San Jose, CA 95125 USA

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

Mr. Vince Langman  
Licensing Manager  
Atomic Energy of Canada Limited  
2251 Speakman Drive  
Mississauga, Ontario  
Canada L5K 1B2

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

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



Vanessa E. Quinn, Chief  
Radiological Emergency Preparedness Section  
Nuclear & Chemical Hazards Branch  
Federal Emergency Management Agency/DHS  
500 C Street, SW  
Washington, D.C. 20472