

September 9, 2003

MEMORANDUM TO: Stuart A. Richards, Chief
Inspection Program Branch
Division of Inspection Program Management, NRR

FROM: James W. Andersen, Section Chief */RA/*
Performance Assessment Section
Inspection Program Branch
Division of Inspection Program Management, NRR

SUBJECT: SUMMARY OF PUBLIC WORKSHOP ON INTERGATED INDUSTRY
INITIATING EVENTS PERFORMANCE INDICATOR FOR THE NRC'S
INDUSTRY TRENDS PROGRAM

On July 30, 2003, staff from the Inspection Program Branch (NRR/DRIP/IIPB) and the Operating Experience Risk Analysis Branch (RES/DRAA/OERAB) held a public workshop (Category 3* public meeting) at NRC Headquarters (room 0-7B4) to discuss a proposed new indicator of initiating events as part of the Industry Trends Program (ITP) for operating commercial power reactors. The workshop was held as part of the ongoing development of the indicator, called the Baseline Risk Index for Initiating Events (BRIIE), which was formerly known as the Integrated Industry Initiating Event Performance Indicator (IIIEPI). Representatives from the Nuclear Energy Institute (NEI), the Union of Concerned Scientists (UCS), and a utility attended the workshop.

The staff provided an overview of the ITP and explained how the industry indicators: (1) supplement our regulatory oversight of commercial power reactors, (2) aid in our communication of industry performance to internal and external stakeholders, and (3) are used as a metric for the NRC's strategic goal of maintaining safety. The staff then discussed the proposed new index for the initiating event cornerstone of safety, how the BRIIE represents a roll-up of the risk from about 15 initiating events, and how it could provide an industry-level overview of overall industry safety performance.

It was generally agreed that monitoring of the trends was one of the more important parts of our regulatory oversight process; however, some stakeholders expressed concern that a single index would mask trends in subordinate indicators or individual power plants. For example, would a single, significant initiating event at one nuclear power plant be represented as a "blip" in the BRIIE or would it be averaged out over the industry and not be seen? Some

stakeholders proposed that monitoring of trends in each of the 15 initiating events may be more informative and effective. There was also a concern, in part, if NRC actions would be implemented based on an adverse BRIIE trend.

Attachments:

1. Workshop Attendees
2. Workshop Agenda
3. Workshop Presentation Slides
4. NEI letter dated July 3, 2003, request for review of initiating event indicator
5. UCS letter dated June 20, 2003, comments on draft report on initiating events indicator
6. UCS letter dated July 31, 2003, comments following ITP workshop

cc (w/only attachment 1):

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

Mr. Tom Houghton
Nuclear Energy Institute
Suite 400
1776 I Street, NW
Washington, DC 20006-3708 See next page

*Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings,"
67 *Federal Register* 36920, May 28, 2002.

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DATE	8/27/03	09/09/03	09/09/03

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Distribution for July 30, 2003, Industry Trends Workshop

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Industry Trends Public Workshop List of Attendees

Sheet 1 of 1

Date: July 30, 2003
Where: NRC HQ, room 7B4
Time: 0830 - 1430

Name	Organization	Phone/email
Paul Harris	Nuclear Regulatory Commission (NRC)	301-415-1169 pwh1@nrc.gov
Dave Lochbaum	Union of Concerned Scientists (UCS)	202-223-6133 dlochbaum@ucsusa.org
Steve Eide	Idaho National Labs (INEEL)	208-526-3797 eidesa@inel.gov
Cory Atwood	Statwood Consulting	301-589-7158 cory@stawoodconsulting.com
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Don Dube	NRC	301-415-5472 dad3@nrc.gov
Adel El-Bassioni	NRC	301-415-1094 aae@nrc.gov
N. P. Kadambi	NRC	301-415-5896 npk@nrc.gov
Bob Youngblood	ISL	301-255-2270 ryoungblood@islinc.com
Tom Boyce	NRC	301-415-1130 thb@nrc.gov

Attachment 1

Agenda for the Public Workshop on the Industry Trends Program

Date: July 30, 2003
Where: NRC Headquarters, room 0-7B4
Time: 8:30 a.m. - 2:30 p.m.*

Topic	Presenter
Background	P. Harris
Industry Trends Program	P. Harris
Initiative Events Trends and Assessment	P. Harris
Baseline Risk Index for Initiating Events - technical basis - example results - thresholds for the BRIIE	P. Harris
Technical Discussion	D. Rasmuson
Implementation Discussion	D. Rasmuson
Summary and Wrap Up	P. Harris

* The workshop adjourned at approximately 12 noon with all activities completed.