

November 15, 2001

MEMORANDUM TO: Scott F. Newberry, Director
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

THROUGH: Patrick W. Baranowsky, Chief
Operating Experience Risk Analysis Branch
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

FROM: Dale M. Rasmuson
Operating Experience Risk Analysis Branch
Division of Risk Analysis and Applications
Office of Nuclear Regulatory Research

SUBJECT: REPORT ON TRIP TO OTTAWA, CANADA, TO PARTICIPATE IN
OECD/NEA WORKING MEETING FOR INTERNATIONAL COMMON-
CAUSE DATA EXCHANGE (ICDE) PROJECT DATA

ABSTRACT

Patrick Baranowsky and Dale Rasmuson of OERAB participated in the OECD/NEA ICDE working meeting held October 10-12, 2001, in Ottawa, Canada. The purpose of the workshop was to evaluate the status of data exchange, monitor the clearing house activities, and discuss proposals for new components for data exchange. Attachment 1 shows the agenda for the ICDE project meeting. The meeting was attended by regulatory staff and/or their representatives from nine OECD/NEA countries.

Role of Attendees

Mr. Baranowsky and Dr. Rasmuson participated in the ICDE meeting June 14-15, 2001. Mr. Baranowsky is chairman of the group. The meeting covered the usual agenda items:

- Progress on data exchange and associated reports, including countries taking the lead, for relief valves and safety valves, check valves, and batteries. The motor-operated valve report has been published [NEA/CSNI/R(2001)10] and issued.
- Proposals for additional components (level instrumentation, circuit breakers and major components from the reactor protection system [RPS]). The USA and France discussed their progress on RPS component proposal.
- The terms and conditions of the new agreement for 2002-5. The goal is to have the document ready for approval by the countries by January 15, 2002.

- A workshop was held to determine selected engineering characteristics of the check valve CCF events. These will be used to prepare the draft report.

Summary of Insights

- The ICDE project is highly respected by the CSNI. It is being used as a model for other CSNI projects (e.g., pipe rupture project).
- At this meeting the group reviewed the check valve events. This workshop proved to be very useful in classifying failure causes and mechanisms for the CCF events and helping to formulate conclusions for the check valve summary report.
- The project members agreed that the of the June seminar on “Qualitative and Quantitative Use of ICDE Data,” held in Stockholm, yielded good insights that can help improve the analyses and the use of insights from the CCF data being exchanged in the ICDE project. The seminar proceedings will be published as a CSNI report.
- Other countries are showing interest in the project. It is anticipated the Korea will joint in the near future. Japan has show interest. Non-OECD countries are also showing some interest in the project.

Evaluation of Participation

The ICDE project is highly regarded by CSNI and CNRA because of its productivity and useful reports. The semi-annual meetings help to keep the project focused and productive. The exchange of ideas among the meeting participants to the U.S. participants. The ideas include: ways the clearing house operate more efficiently, ways of providing feedback to the utilities, and ways on improving the data collection and coding process.

Attachment: As stated

cc: R. Zimmerman/A. Thadani
OIP

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cc: R. Zimmerman/A. Thadani
OIP

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