

January 7, 2004

MEMORANDUM TO: Stephen Dembek, Chief, Section 2
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Meena Khanna, Project Manager, Section 2 **/RA/**
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF DECEMBER 16, 2003, MEETING WITH HARTFORD
STEAM BOILER GLOBAL STANDARDS TO DISCUSS THE ROLES
AND RESPONSIBILITIES OF THE AUTHORIZED NUCLEAR
INSERVICE INSPECTORS

On December 16, 2003, the Hartford Steam Boiler (HSB) Global Standards met with the NRC staff to discuss the roles and responsibilities of the Authorized Nuclear Inservice Inspectors (ANIs). HSB Global Standards began the presentation with a brief overview of the organizational structure and background of the agency. Some background information that was provided by HSB Global Standards included the following: (1) HSB Global Standards was established in 1866, (2) their design/inspection standards contributed to the first American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel (B/PV) Code that was issued in 1913, and (3) it was the world's largest ASME Authorized Inspection Agency. In summary, HSB Global Standards indicated that they are well-positioned to support the NRC, the ASME, and the nuclear utilities.

HSB Global Standards continued with a discussion of its Authorized Inspection Agency (AIA). They discussed AIA's mission which is to ensure public safety and ASME Code compliance through independent inspection. In addition, they provided a discussion of the qualification requirements of the AIA.

HSB Global Standards stated that the governing documents of the AIA included the following: ASME Code Sections III and XI, ASME QAI-1, National Board Rules for Commissioned Inspectors, Jurisdictional Requirements, and AIA Quality Program Requirements. They discussed the duties and responsibilities of the ANIs, which fell under two categories, inservice inspection plan verification and repair and replacement program verification. Under the category of the inservice inspection plan verification, the ANI duties included: test and examination methods, test frequency, system pressure tests, sequence of successive examinations, and qualification of examination personnel. For the repair and replacement program verification category, the ANI duties included: repair/replacement plan, Construction Code of Record identification and compliance, defect identification and removal method, personnel qualification, material verification, and post repair/replacement testing.

HSB Global Standards indicated that they had some questions to address to the staff. They asked if the NRC's mission and expectations have been met with respect to HSB Global Standard's ANII duties and responsibilities as discussed in the presentation. The staff indicated that based on the presentation, the staff's needs seem to be met. HSB Global Standards asked what are the NRC's unaddressed needs today. The staff responded by indicating that the certification process and third party reviews remain to be concerns for the staff. Lastly, HSB Global Standards asked what are the NRC's future needs and vision. The staff responded that it anticipates AIA involvement with the construction inspection program and possibly with the preapplication of the pebble bed design.

HSB Global Standards concluded the meeting with a discussion of the AIA success criteria with respect to the people, support, industry involvement and commitment, and execution. The staff expressed its appreciation for the presentation.

An attendance list is provided in the enclosure. The slides used during the meeting are available in ADAMS under accession number ML033640439.

Attachment: Meeting Attendees

cc w/attachment:

Mr. Paul Fisher
The Hartford Steam Boiler Inspection
and Insurance Company of Connecticut
2443 Warrenville Road, Suite 500
Lisle, IL 60532

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MEETING WITH HARTFORD STEAM BOILER GLOBAL STANDARDS

DECEMBER 16, 2003

ATTENDANCE LIST

HSB Global Standards

R. Wielgoszinski
J. Hoff
E. Farrow
P. Fisher

NRC

B. Sheron
F. Cherny
T. Chan
S. Coffin
T. Sullivan
M. Khanna
J. Davis
R. Mathew
M.A. Ashley
R. McIntyre
P. Prescott
A. Vargas-Mendez
E. H. Gray
D. Jones