June 2, 2009

MEMORANDUM TO: Eileen M. McKenna, Chief
AP1000 Projects Branch 2
Division of New Reactor Licensing
Office of New Reactors

FROM: Billy Gleaves, Sr. Project Manager
AP1000 Projects Branch 2 ***/RA/***
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF PUBLIC MEETING TO DISCUSS PIPE BREAK HAZARD EVALUATIONS WITH WESTINGHOUSE ELECTRIC COMPANY ON THE AP1000 DESIGN CERTIFICATION AMENDMENT

The U.S. Nuclear Regulatory Commission (NRC) held a Category 1 public meeting on May 20, 2009. The Office of New Reactors (NRO) staff met with Westinghouse representatives to discuss AP1000 Design Control Document (DCD) Pipe Break Hazard Analysis. The meeting was held at the Westinghouse Twinbrook Office in Rockville, Maryland from 9:00 a.m. until 12:00 p.m. in Rockville, Maryland.

The NRC made brief opening comments, introductions were made by all in attendance and then Westinghouse made three presentations. Following the presentations, discussions between Westinghouse and the NRC resulted in an agreement on a process more likely to result in an approved Pipe Rupture Hazard Analysis (PRHA).

The public in attendance exited the meeting during the first break.

Enclosed with this summary are the materials relevant to the public meeting. The enclosed documents are as follows: (1) agenda for the public meeting, (2) attendee list, (3) Pipe Rupture Hazard Evaluation (PHRE) brief, (4) As-Designed PRHA brief, and (5) licensing background and approach for PHRE.

Enclosures:
As stated

CONTACT: Billy Gleaves, NRO/DNRL
301-415-5848
bill.gleaves@nrc.gov

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| PBuckberg | | |

**ADAMS ACCESSION NO: Package: ML091470653**

| OFFICE | PM: NWE2 | LA: NWE2 |
|---|---|---|
| NAME | BGleaves | RButler |
| DATE | 5/29/09 | 6/02/09 |

**OFFICIAL RECORD COPY**

Meeting Agenda
Public Meeting to Discuss Pipe Break Hazard Evaluations
Westinghouse Electric Company
Wednesday, May 20, 2009
9:00 a.m. – 12:00 p.m.

| | |
|---|---|
| 9:00 a.m. | Opening Remarks & Introductions |
| 9:15 a.m. | Pipe Rupture Hazard Evaluation brief |
| 9:50 a.m. | As-Designed Pipe Rupture Hazard Analysis (PRHA) brief |
| 10:30 a.m. | Break |
| 10:45 a.m. | Discussion |
| 12:00 p.m. | Adjourn |

Enclosure 1

Attendee List

May 20, 2009

| NAME | ORGANIZATION |
|---|---|
| Perry Buckberg | NRC |
| Eileen McKenna | NRC |
| Jennifer Dixon-Herrity | NRC |
| Ching Ng | NRC |
| Y.C. (Renee) Li | NRC |
| Raul Hernandez | NRC |
| Rob Sisk | Westinghouse |
| Donald Lindgren | Westinghouse |
| Joel Woodcock | Westinghouse |
| Brad Carpenter | Westinghouse |
| Howard Ott | Westinghouse |
| Alex Harkness | Westinghouse |
| Phil Kotwicki | Westinghouse |
| Dave Waters | Progress Energy |
| Eddie R. Grant | NUSTART |
| Hideki Fujimoto | MHI |
| Makoto Kobayashi | MHI |
| Yoshihiro Takayama | MNEC |

Non - Proprietary Technical Presentation Slides Westinghouse Twinbrook Office in Rockville, Maryland

May 20, 2009

Westinghouse Presentation on Pipe Rupture Hazard Evaluation (ML091470691)

Enclosure 3

Non - Proprietary Technical Presentation Slides Westinghouse Twinbrook Office in Rockville, Maryland

May 20, 2009

Westinghouse Presentation on As – Designed Pipe Rupture Hazard Analysis (ML091470696)

Enclosure 4

Non - Proprietary Technical Presentation Slides Westinghouse Twinbrook Office in Rockville, Maryland

May 20, 2009

Westinghouse Presentation on Licensing Background and Approach for Pipe Rupture Hazard Evaluation (ML091470707)

Enclosure 5