

October 30, 2002

MEMORANDUM TO: William H. Ruland, Director
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

FROM: Drew Holland, Project Manager, Section 2 /RA/
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF OCTOBER 2, 2002, MEETING WITH THE
WESTINGHOUSE ELECTRIC COMPANY REGARDING THE COMMON
QUALIFIED INSTRUMENTATION PLATFORM WITH UPDATES TO
THE TOPICAL REPORT AND APPENDICES

A closed meeting was held between the NRC staff and the Westinghouse Electric Company (W) regarding the Common Qualified Platform (Common Q) instrumentation system. W wanted to update the staff on changes to the topical report and its appendices. W stated that the reasons for the update are because of changes to a few hardware modules, changes to the architecture of the core protection calculator (CPC), the post accident monitoring system (PAMS), clarification of the software development process, completion of equipment qualification and the addition of an equipment qualification summary report.

The development of the AI685 module was then described in terms of its varied data acquisition capabilities.

W then described the PAMS applications changes to include a finalized power supply configuration based on final Common Q power supply designs. The CI631 communications interface was described. Various other minor architecture changes were made.

CPC changes were then described along with various other minor changes that have been made.

W then discussed the Software Program Manual (SPM). In its new format the SPM clarifies documentation requirements for various categories of software, various responsibilities related to software development process tasks and validation and verification inputs and outputs. Various other minor clarifications were also made.

The equipment qualification program was then described. W stated that equipment qualification involving seismic, environmental and electromagnetic interference (EMI) qualification is complete for all Common Q modules, subassemblies and cabinets. The program provides qualification baselines for each piece by type, model, etc. to address future

hardware changes or other technical issues. The program identifies all installation limitations required to support EMI qualification. Information was then provided that was used to close generic open items. These included qualification of the new or redesigned input/output modules (A1685), qualification of the Common Q power supplies, qualification of the watchdog timer, EMI qualification testing of the PM646A processor, flat panel display system and power supplies.

Project No. 700

Attachment: Meeting Attendees

cc w/att: See next page

Westinghouse Electric Company

Project No. 700

cc:

Mr. Gordon Bischoff, Project Manager
Westinghouse Owners Group
Westinghouse Electric Company
Mail Stop ECE 5-16
P.O. Box 355
Pittsburgh, PA 15230-0355

Mr. H. A. Sepp, Manager
Regulatory and Licensing Engineering
Westinghouse Electric Company
P.O. Box 355
Pittsburgh, PA 15230-0355

LIST OF ATTENDEES

MEETING WITH WESTINGHOUSE ELECTRIC COMPANY

OCTOBER 2, 2002

WESTINGHOUSE

M. Stofko
M. Ryan
D. Popp

NRC

D. Holland
G. Shukla
H. Li
K. Mortensen
P. Chen
C. Graham
M. Chiramal

hardware changes or other technical issues. The program identifies all installation limitations required to support EMI qualification. Information was then provided that was used to close generic open items. These included qualification of the new or redesigned input/output modules (A1685), qualification of the Common Q power supplies, qualification of the watchdog timer, EMI qualification testing of the PM646A processor, flat panel display system and power supplies.

Project No. 700

Attachment: Meeting Attendees

cc w/att: See next page

DISTRIBUTION:

PUBLIC

PDIV-2 Reading

RidsNrrDlpm (JZwolinski/TMarsh)

RidsNrrDlpmLpdiv (WRuland)

RidsNrrPMGShukla

RidsNrrLAEPeyton

RidsNrrPMDHolland

SDembek

HLi

KMortensen

PChen

CGraham

MChiramal

MKotzalas

RidsOgcMailCenter

RidsAcrcAcnwMailCenter

Mtg. Notice: ML022630564

ADAMS ACCESSION NUMBER: ML022960106

PACKAGE: ML

NRC-001

OFFICE	PDIV-2/PM	PDIV-2/LA	EEIB	PDIV-2/SC
NAME	DHolland:	EPeyton	KMortensen	SDembek
DATE	10/28/02	10/25/02	10/28/02	10/29/02

OFFICIAL RECORD COPY