

Case No.: 2010-0273  
 Date Rec'd: 7-12-10  
 Specialist: [Signature]  
 Related Case: \_\_\_\_\_

**FOIA Resource**

**From:** Pinzon, Jairo M. [JPinzon@CURTISSWRIGHT.com]  
**Sent:** Monday, July 12, 2010 1:22 PM  
**To:** FOIA Resource  
**Subject:** Freedom of Information Action (FOIA) Request  
**Attachments:** Westinghouse Common Q Platform TR and SPM March 2010 Update.pdf; NRC Common Q Meeting Summary 06142010.pdf

Pursuant to the Freedom of Information Act, Scientech is requesting NRC action on the following:

From several meeting-related items placed in ADAMS, Scientech understands that Westinghouse is looking at a generic approach to the digital platform change management. Unfortunately, it seems that the majority of the discussions with Westinghouse are closed, since all aspects are marked proprietary. It is Scientech's understanding that the Westinghouse proposal is patterned after 10 CFR 50.59; as such, Scientech does not believe that a proposal patterned after a public law can be classified as proprietary.

Scientech is requesting the release of more detailed documents associated with two NRC/W meetings. In particular, Scientech would like to see a less redacted attachment from the March 2010 meeting (see attached redacted presentation package obtained from ADAMS) and any handouts or presentation packages from the June 2010 meeting (see attached NRC meeting summary).

Thank you in advance.

**Jairo M. Pinzon**  
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 Licensing Information Service (LIS)  
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June 25, 2010

MEMORANDUM TO: John R. Jolicoeur, Chief  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Eric E. Bowman, Project Manager /RA/  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF JUNE 14, 2010, CLOSED MEETING WITH  
WESTINGHOUSE ELECTRIC COMPANY

On June 14, 2010, a closed meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Westinghouse Electric Company (Westinghouse) at the Westinghouse Electric Company Nuclear Regulatory Affairs Office at 12300 Twinbrook Parkway, Suite 150, Rockville, Maryland. The purpose of the meeting was to discuss Westinghouse's proposed Common Qualified (Common Q) Platform generic change process. A list of attendees is provided as Enclosure 1.

#### Scope

Westinghouse presented details on their proposed Common Q generic change process and examples of its application to modifications that have been made to the platform since approval of the original topical reports.

#### Common Q Generic Change Process

The generic change process has been modified since the last meeting to reflect NRC staff feedback. Westinghouse has made approximately 170 evolutionary changes to Common Q since the NRC approved the topical reports for reference in licensing. Westinghouse presented the results of the evaluation and screening for these changes under their proposed generic change process.

The NRC staff asked Westinghouse what their plans were for submittal of items requiring prior NRC approval for changes to the topical reports. It was agreed that the process would include guidelines for updating the NRC staff every two years on changes, similar to the reports licensees provide for implementation of changes under Title 10 of the *Code of Federal Regulations* (10 CFR) Section 50.59, "Changes, tests, and experiments." This would allow flexibility if submittal of changes for NRC staff review and approval were not necessary. Results of the screening and evaluation of the generic change process would be documented and available for NRC staff review of subsequent revisions to the topical reports or license amendment requests referencing the topical reports.

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J. Jolicoeur

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Miscellaneous

Westinghouse and the NRC staff agreed that the next meeting would be scheduled for August 18 and 19, 2010, to review proprietary documents, including the revised topical reports, to be submitted by early August 2010. This meeting will be held in the Westinghouse Nuclear Regulatory Affairs Office.

Please direct any inquiries to me at 301-415-2963, or Eric.Bowman@nrc.gov.

Enclosure:  
List of Attendees

cc w/encls: See next page

**CLOSED MEETING WITH WESTINGHOUSE TO DISCUSS UPDATES TO**

**WESTINGHOUSE'S COMMON QUALIFIED PLATFORM**

**JUNE 14, 2010**

Name	Organization	Phone	E-mail
Eric Bowman	NRC/NRR/DPR/PLPB	301-415-2963	Eric.Bowman@NRC.gov
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Christine Scardina-Gazzo	Westinghouse	412-760-5852	scardic@westinghouse.com
John McInerney	Westinghouse	412-374-6361	mcinerjj@westinghouse.com
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Matt Shakun	Westinghouse	860-731-6260	shakunma@westinghouse.com
Bill Kemper	NRC/NRR/DE/EICB	301-415-7585	William.Kemper@NRC.gov
Norbert Carte	NRC/NRR/DE/EICB	301-415-5890	Norbert.Carte@NRC.gov
Rich Stattel	NRC/NRR/DE/EICB	301-415-8472	Richard.Stattel@NRC.gov
Daniel Santos	NRC/NRODE	301-251-7664	Daniel.Santos@NRC.gov
Jeanne Dion	NRC/RES/DICB	301-251-7482	Jeanne.Dion@NRC.gov
Richard Manazir	Westinghouse	412-443-3572	manazirrm@westinghouse.com
Mark Stofko	Westinghouse	860-731-6652	stofkomj@westinghouse.com

ENCLOSURE

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**Westinghouse**  
**Common Qualified Platform Topical Report**  
**and Software Program Manual**  
**March 2010 Update**

**WAAP-6945-NP, Rev. 1**

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# Westinghouse Participants

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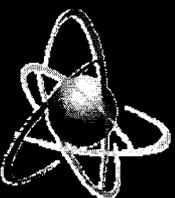
- Ron Calkins – Director, Protection Systems Engineering
- Bill Catullo – Fellow Engineer
- Kevin Finlay – Fellow Engineer
- John McInerney – Vice President, RRAS
- Warren Odess-Gillett – Fellow Engineer
- Christine Scardina-Gazzo – Project Manager
- Matt Shakun – Engineer
- Mark Stoffko – Manager, Safety Systems Configuration Management

# Keys to Successful Interaction

*NRC Executive Director for Operations (EDO) Bill Borchardt*

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- Keep communication
  - Open
  - Early
  - Frequent
- Define success early
- Have realistic expectations and schedules
- Ensure adequate resources
- Be open to modifying positions
  - Listen to understand
- Reach closure and move on



**U.S. NRC**

United States Nuclear Regulatory Commission

*Protecting People and the Environment*

# Agenda

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- 01:00 Introductions
- Opening Remarks
- Review Agenda
- Objectives

*[The remainder of the meeting includes the presentation of Westinghouse proprietary information.]*

- 01:20 Component Interface Module (CIM)
- 01:45 Generic Change Process
- 03:15 Break
- 03:25 Alternate Flat Panel Display System O/S

# Agenda (cont.)

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- 04:15 Document Schedule
- 04:45 Summary  
Next Meeting
- 05:00 Closing Remarks  
Adjourn



# Objectives

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- Discuss Component Interface Module licensing approach
- Refine Generic Change Process screening/evaluation criteria
- Present an alternative O/S for the Flat Panel Display System
- Identify schedule for documentation review

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# Component Interface Module (CIM)

# CIM Background

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- August 11, 2000; the Staff issued a Safety Evaluation (SE) regarding:
  - Topical Report CENPD-396-P, Rev. 01, Common Qualified Platform
  - Appendices 1, 2, 3 & 4, Rev. 01
  - CE-CES-195, Rev. 01, Software Program Manual for Common Q Systems



## CIM Background (cont.)

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- The Common Q SE identified 10 Generic Open Items
  - Closed via two rounds of subsequent submittals and SES 6/01, 2/03
  - GOI 7.8 remains open - “Loop Controllers”

# CIM Design

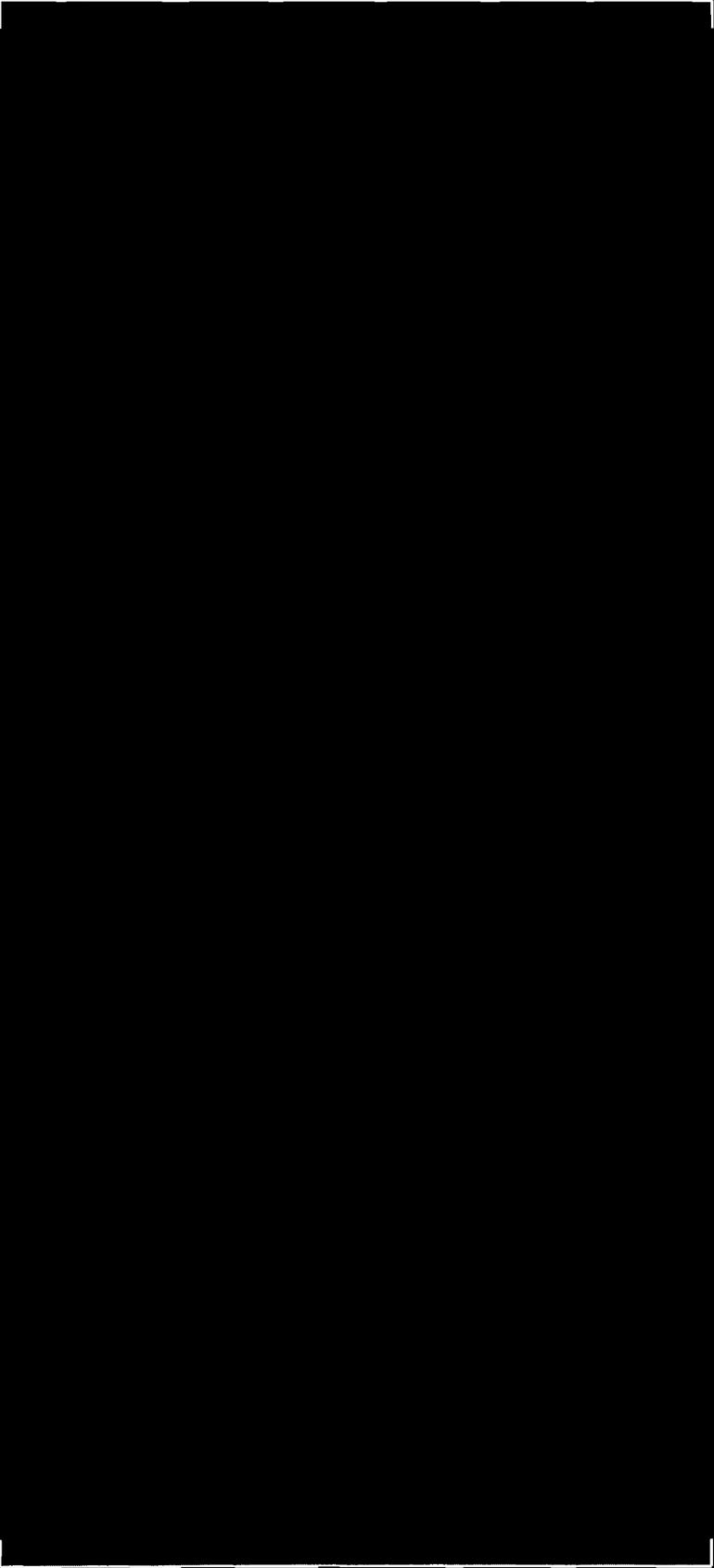
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- Component Interface Module function
  - Provides discrete component output commands for valves, pumps, etc.
  - Based upon command inputs
  - Provides component status feedback



# CIM Design (cont.)

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# CIM Licensing

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- Currently being reviewed by NRO as part of AP1000 Protection System
- STP 3,4 plant specific application to be submitted for NRO review
- WEC will not seek generic approval of the CIM
  - No application in US operating reactors anticipated
  - GOI 7.8 will remain open

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# **Common Q Platform Generic Change Process**

# Goal

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- Allow changes to be made to an approved platform that have minimal safety impact to be made without submittal to NRC for review

# Background

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- During the last meeting (October 19, 2009), NRC requested more detail on the proposed change process regarding the Screening and Evaluation Criteria.
- In response, criteria have been developed to guide the decision making process when changes to the Common Q Approved Topical Report (ATR) are evaluated.
- The criteria will then become part of either a procedure, plan, or program manual that governs the Westinghouse safety system design process.

## Objective/Next Steps

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- Present the proposed Screening and Evaluation Criteria.
- Westinghouse will adjust the level of detail and complete the change process.
- The change process will then be docketed for approval as part of the Generic Common Q Platform Topical Report effort.

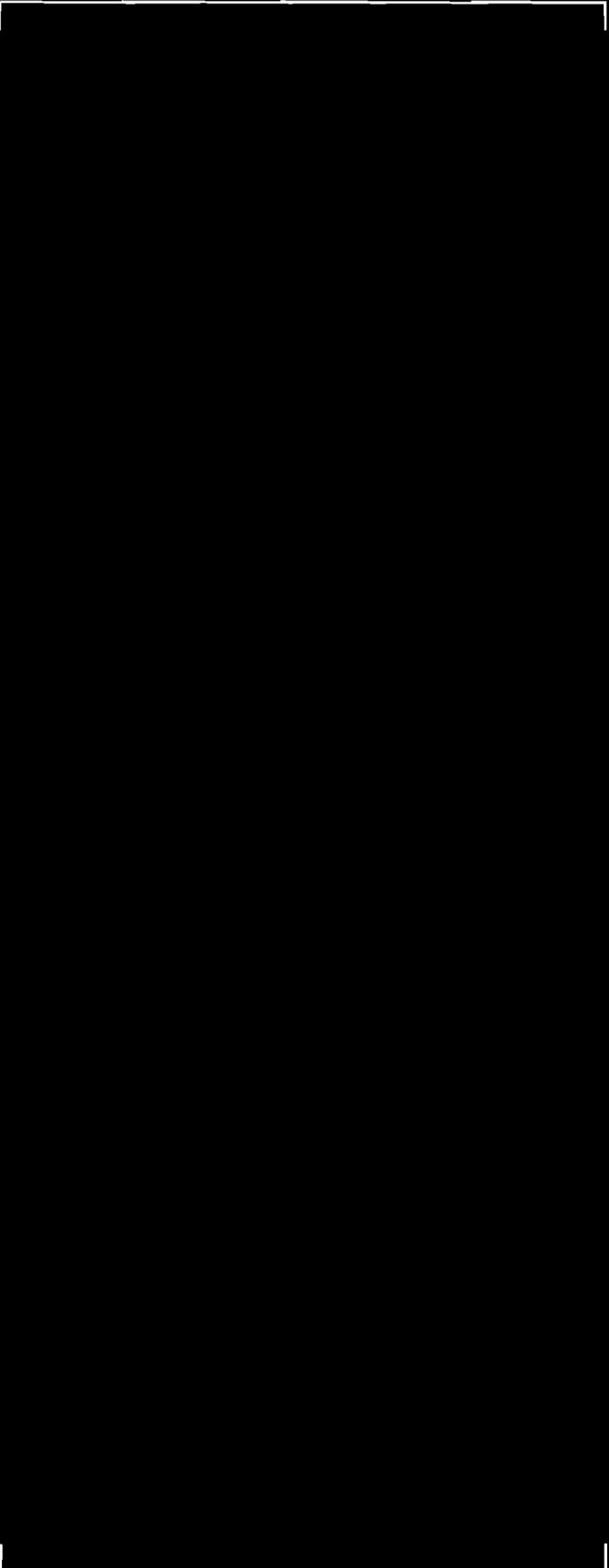
# Proposed Change Process Overview

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# Top Level Change Process Flow Chart



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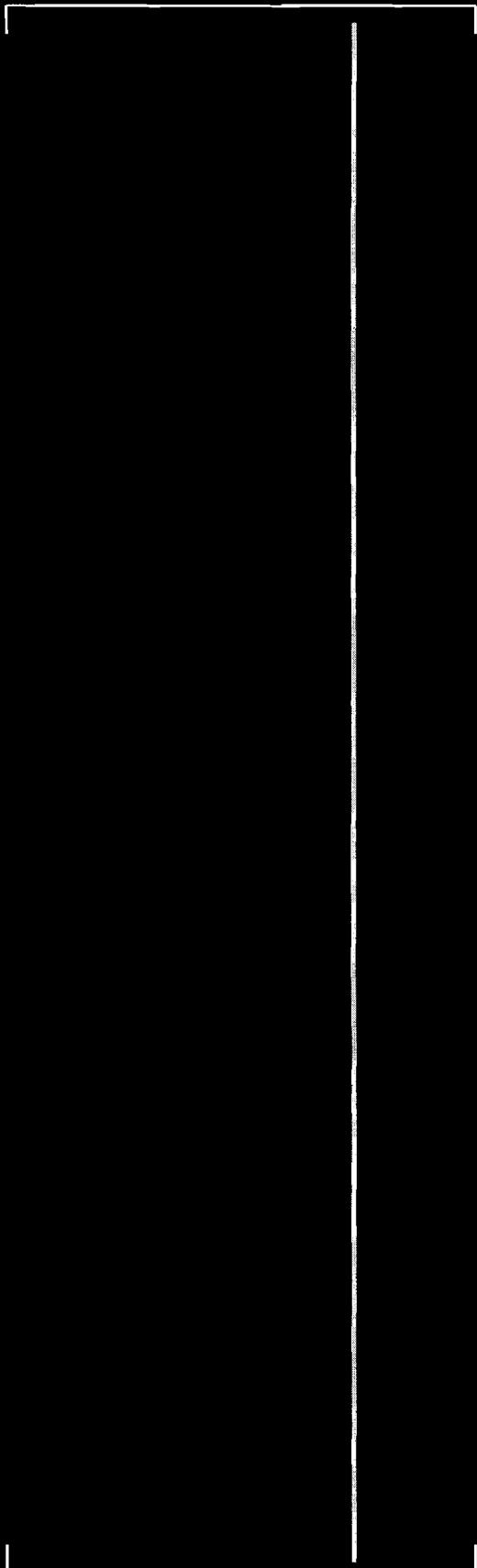


Westinghouse



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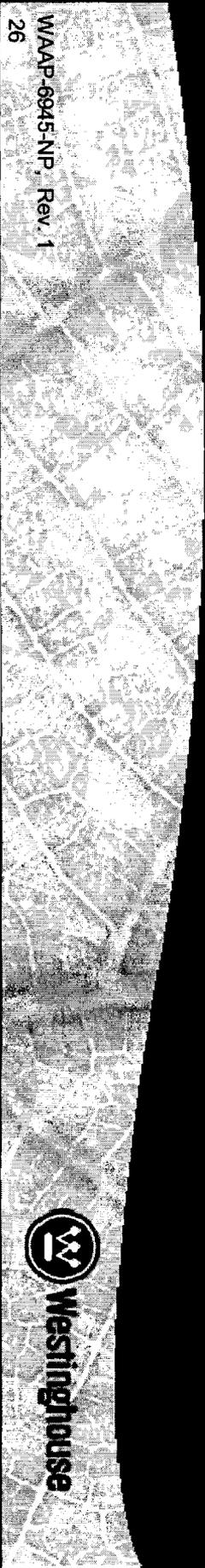


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➤ Yes/Uncertain → Submit change to NRC for approval



➤ Yes/Uncertain → Submit change to NRC for approval



➤ Yes/Uncertain → Submit change to NRC for approval

## Safety Culture/Process Improvement

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- When integrated into the day-to-day work processes, the impact of changes on the licensing aspects/impacts on an approved platform will be better understood up front (early in the design process) rather than later in the design process when preparing an LAR, an amendment to the ATR, or responding to RAIs

## Benefits

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- Allows NRC to focus only on significant changes
- Positive step forward at simplifying approval process that will help to gain licensee confidence in the digital upgrade process
- Reduces the amount of change documentation submitted as part of an LAR or amendment to ATR
- Lessens the strain on NRC resources
- Should speed up the approval process

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# Alternate Flat Panel Display System O/S

# Alternate FPDS Software

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# Alternate FPDS Software

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# Alternate FPDS Software

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# Alternate FPDS Software

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# Alternate FPDS Software

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# Alternate FPDS Software

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# Alternate FPDS Software

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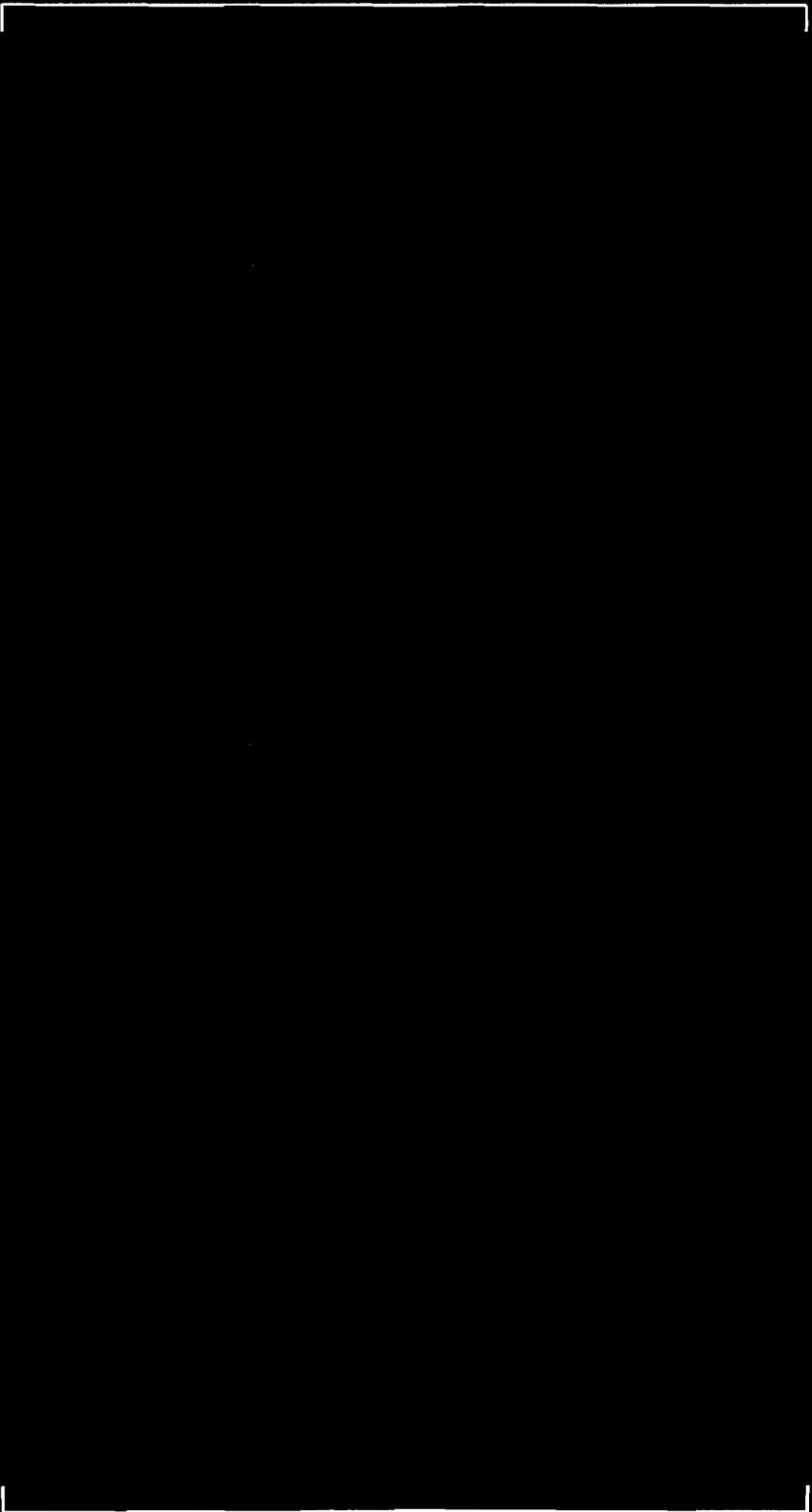


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# Document Schedule

# Document Schedules

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# Document Schedule (cont.)

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## Summary

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- Identified change in CIM licensing approach
- Provided more details regarding the generic change process
- Presented an alternative O/S for the Flat Panel Display System
- Identified Schedule for Submittals
- Next Meeting
  - Walk through TR and SPM changes – May 2010

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**Westinghouse**  
**Common Qualified Platform Topical Report**  
**and Software Program Manual**  
**March 2010 Update**

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