

CCNPP3COLA NPEmails

From: Carneal, Jason
Sent: Thursday, April 08, 2010 1:49 PM
To: Lu, Shanlai; Forsaty, Fred; Budzynski, John; Davis, Robert; Honcharik, John
Cc: CCNPP3COL Resource
Subject: FW: UNE Presentation Slides for CC3 FSAR Chapter 4 ACRS Meeting
Attachments: ACRS Slide Presentation Chapter 4 CCNPP3 04_07_10 Slide Exchange with NRC.pptx

All:

FYI, attached are Unistar's slides for the dry run on Monday for Calvert Chapter 4. Chapter 4 is IBR and we have 2 open items that affect SRSB's sections. The slides seem to sync up with our draft slides.

I will suggest they make the same change we made to our slides to say "reactor vessel" instead of "reactor internals" in regard to the fluence calculation methodology.

Thanks,

Jason

From: Arora, Surinder
Sent: Thursday, April 08, 2010 10:21 AM
To: Carneal, Jason
Cc: Colaccino, Joseph
Subject: FW: UNE Presentation Slides for CC3 FSAR Chapter 4 ACRS Meeting

UniStar's slides for your chapter for April 12 meeting.

Surinder

From: Poche, Robert [mailto:Robert.Poche@constellation.com]
Sent: Wednesday, April 07, 2010 4:12 PM
To: Arora, Surinder
Subject: UNE Presentation Slides for CC3 FSAR Chapter 4 ACRS Meeting

Mr. Arora,

Please find attached the UNE presentation slides for the CC3 FSAR Chapter 4 ACRS Meeting.

Robert Poche
Regulatory Affairs Project Manager
Calvert Cliffs Nuclear Power Plant Unit 3
(410) 470-5530 Constellation
(509) 528-5513 Cell
robert.poche@constellation.com
rpoeche1@aol.com

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Hearing Identifier: CalvertCliffs_Unit3Cola_NonPublic_EX
Email Number: 3749

Mail Envelope Properties (77BCCD26C6050B42A72FE3939CF492ED1D03589723)

Subject: FW: UNE Presentation Slides for CC3 FSAR Chapter 4 ACRS Meeting
Sent Date: 4/8/2010 1:49:07 PM
Received Date: 4/8/2010 1:49:10 PM
From: Carneal, Jason

Created By: Jason.Carneal@nrc.gov

Recipients:

"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>

Tracking Status: None

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"Davis, Robert" <Robert.Davis@nrc.gov>

Tracking Status: None

"Honcharik, John" <John.Honcharik@nrc.gov>

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	1633	4/8/2010 1:49:10 PM
ACRS Slide Presentation Chapter 4 CCNPP3 04_07_10 Slide Exchange with NRC.pptx		
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Options

Priority: Standard

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Sensitivity: Normal

Expiration Date:

Recipients Received:



UNISTAR NUCLEAR ENERGY

**Presentation to ACRS
U.S. EPR™ Subcommittee
Calvert Cliffs Nuclear Power Plant Unit 3
FSAR Chapter 4, Reactor
April 20, 2010**



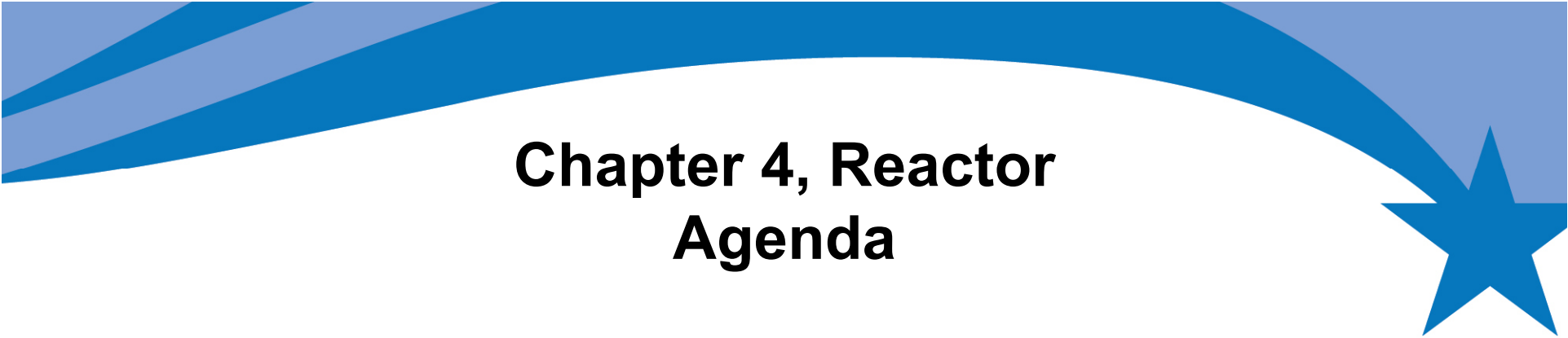
Introduction

- RCOLA authored using 'Incorporate by Reference' (IBR) methodology
- To simplify document presentation and review, only supplemental information, site-specific information, or departures from the U.S. EPR FSAR are contained in the COLA
- AREVA U.S. EPR FSAR ACRS Meeting for Chapter 4 – Reactor occurred on March 3, 2010
- Today's Presentation was prepared by UniStar and is supported by AREVA (U.S. EPR Supplier)
 - Mark Finley (UniStar Engineering Manager)
 - Hongqing Xu (AREVA Principal Engineer)



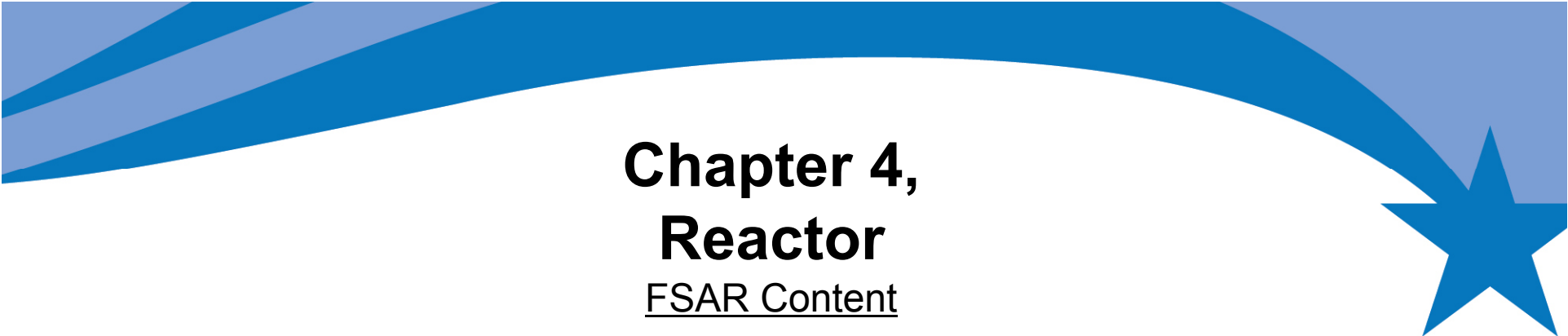
Introduction

- Today Mark Finley, UNE Engineering Manager, will present the Calvert Cliffs Unit 3 FSAR Chapter 4, Reactor



Chapter 4, Reactor Agenda

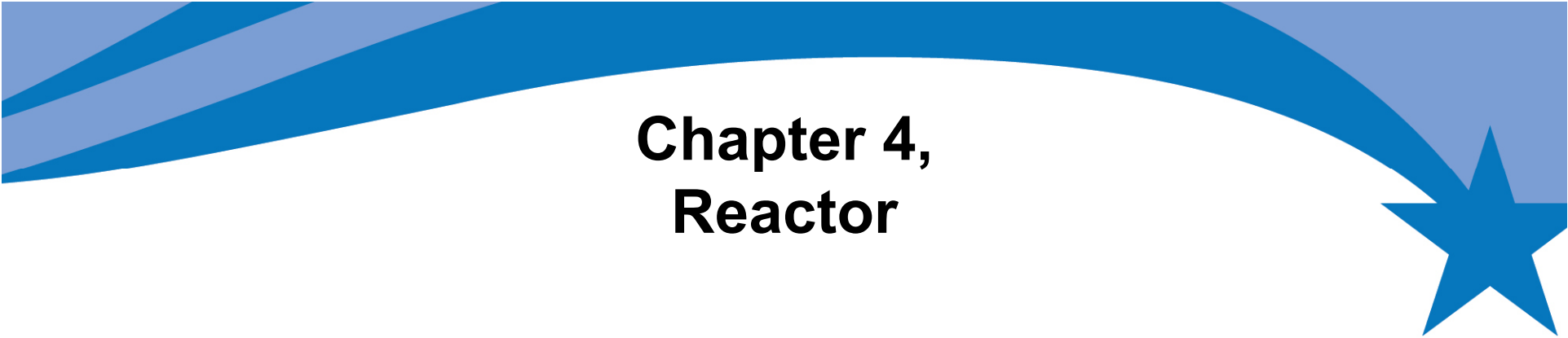
- Reactor
 - FSAR content
- NRC SER Open items
- Conclusions



Chapter 4, Reactor

FSAR Content

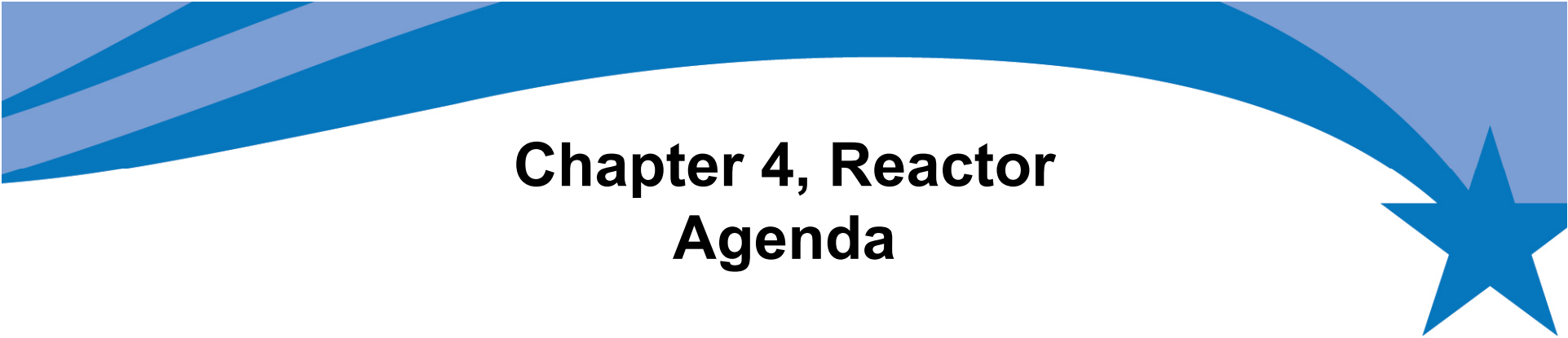
- The Calvert Cliffs Unit 3 FSAR Chapter 4 incorporates by reference the U.S. EPR Chapter 4 FSAR
- The Calvert Cliffs Unit 3 FSAR Chapter 4 requests no departures from the U.S. EPR Chapter 4 FSAR
- Calvert Cliffs Unit 3 requests an exemption from 10 CFR 50.46 and 10 CFR 50, Appendix K related to the use of M5™ advanced zirconium alloy for the Calvert Cliffs Unit 3 fuel rod cladding and fuel assembly structural material.
- The Calvert Cliffs Unit 3 FSAR Chapter 4 presents no site-specific information for the U.S. EPR Chapter 4 FSAR
- The U.S. EPR FSAR does not specify any COL information/interface items to be addressed by a COL applicant.



Chapter 4, Reactor

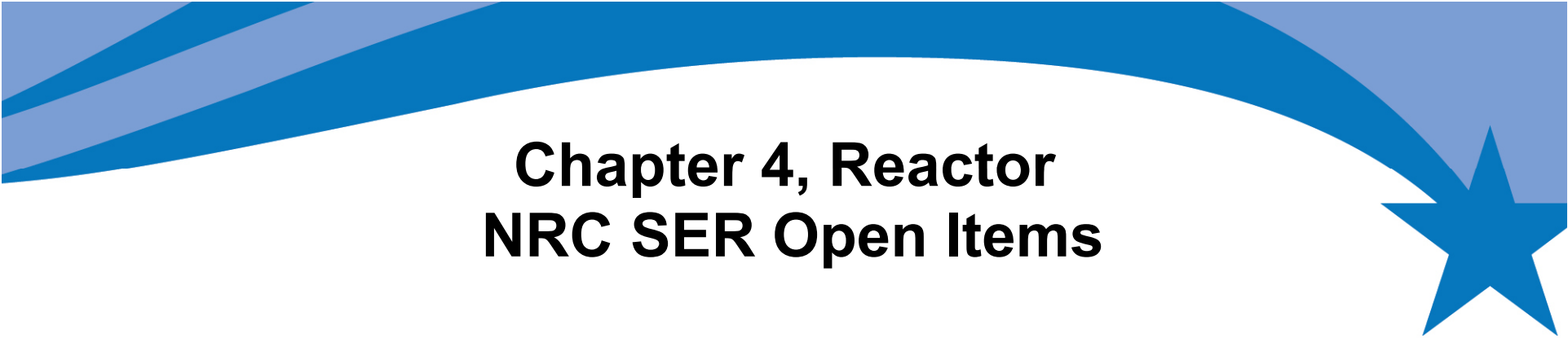
FSAR Content continued

- UniStar Nuclear Energy has received no ASLB contentions concerning Chapter 4
- Three NRC SER Open Items have been identified
- UniStar Nuclear Energy has received no SER Confirmatory Items



Chapter 4, Reactor Agenda

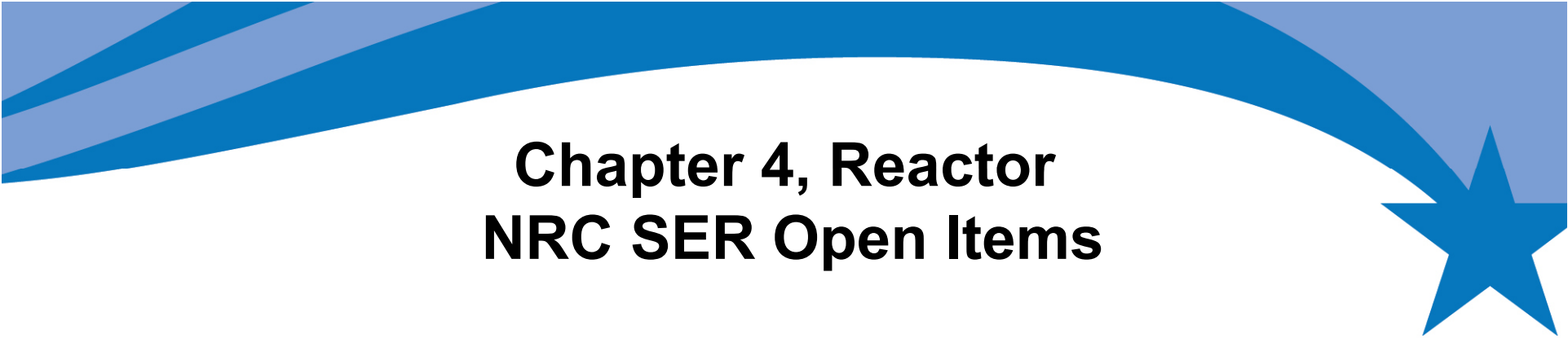
- Reactor
 - FSAR content
- Open NRC SER items
- Conclusions



Chapter 4, Reactor NRC SER Open Items

NRC SER Open Items

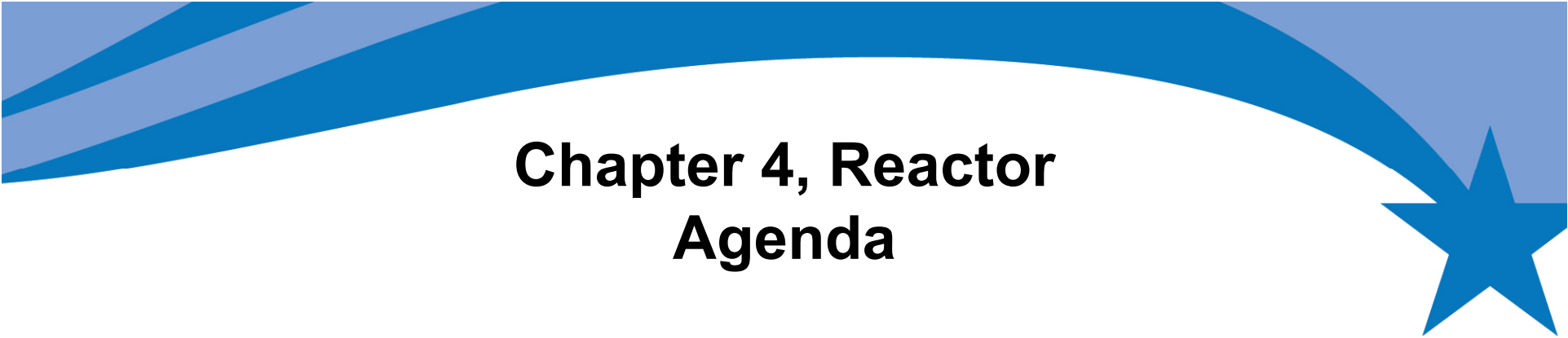
1. RAI 222, Question 01-5 (Generic Tracking RAI for future EPR FSAR revisions incorporated into COLA)
 - UniStar response was transmitted to the NRC by letter UN#10-068, dated March 12, 2010, (Adams Accession # ML100760096)
2. RAI 225, Question 04.03-1, (address plant specific surveillance of the reactor internals in regard to fluence methodology benchmarking)
 - UniStar response transmitted by letter UN#10-095



Chapter 4, Reactor NRC SER Open Items

SER Open Items continued

3. RAI 226, Question 04.02-1, (exemption on the use of M5™ advanced zirconium alloy fuel rod cladding, add a discussion to Chapter 4)
 - UniStar response transmitted by letter UN#10-096



Chapter 4, Reactor Agenda

- Reactor
 - FSAR content
- NRC SER Open items
- **Conclusions**



Conclusions

- No NRC SER Confirmatory items
- No ASLB Contentions
- Three recently received NRC SER Open items have been received and responses provided
- The Calvert Cliffs Unit 3 FSAR Chapter 4 requests no departures/one exemption from the U.S. EPR Chapter 4 FSAR