

**Advisory Committee on Reactor Safeguards**  
**Digital Instrumentation and Control Systems Subcommittee Meeting**  
**Rockville, MD**  
**November 2, 2016, T2- B1**

**- Agenda -**

Cognizant Staff Engineer: Christina Antonescu (301-415-6792), [Christina.Antonescu@nrc.gov](mailto:Christina.Antonescu@nrc.gov)

	Topic	Presenter(s)	Time
<b>Wednesday, November 2</b>			
<b>I</b>	Opening Remarks	C. Brown, ACRS	8:30am - 8:35 am
<b>II</b>	Overview of fuel cycle facility licensees <ul style="list-style-type: none"> <li>• Facility types</li> <li>• Process fundamentals</li> <li>• Associated safety, security, and safeguards regulations</li> </ul>	James Downs, NMSS Matt Bartlett, NMSS Brad Bergemann, NSIR	8:35 am - 9:30 am
<b>III</b>	History of fuel cycle cyber security <ul style="list-style-type: none"> <li>• Current requirements</li> <li>• Development of SECY-14-0147</li> <li>• SRM to SECY-14-0147</li> <li>• Regulatory basis</li> <li>• Rulemaking schedule</li> </ul>	James Downs, NMSS Matt Bartlett, NMSS Brad Bergemann, NSIR Cardelia Maupin, NMSS	9:30 am - 10:00 am
	Break		10:00 am - 10:15 am
<b>III</b>	History of fuel cycle cyber security ( <b>CONTINUED</b> ) <ul style="list-style-type: none"> <li>• Current requirements</li> <li>• Development of SECY-14-0147</li> <li>• SRM to SECY-14-0147</li> <li>• Regulatory basis</li> <li>• Rulemaking schedule</li> </ul>	James Downs, NMSS Matt Bartlett, NMSS Brad Bergemann, NSIR Cardelia Maupin, NMSS	10:15 am - 12:00 Noon
	Lunch Break		12:00 Noon – 1:00 pm

	<b>Topic</b>	<b>Presenter(s)</b>	<b>Time</b>
<b>IV</b>	<p>Overview of draft proposed rule language</p> <ul style="list-style-type: none"> <li>• Consequences of concern</li> <li>• Vital digital assets</li> <li>• Periodic review of the cyber security program</li> <li>• Event reporting</li> </ul>	<p>James Downs, NMSS</p> <p>Matt Bartlett, NMSS</p> <p>Joe Deucher, NMSS</p> <p>Brad Bergemann, NSIR</p>	1:00 pm - 2:45 pm
	Break		2:45 pm - 3:00pm
<b>V</b>	<p>Overview of draft regulatory guide</p> <ul style="list-style-type: none"> <li>• Implementation schedule</li> <li>• Licensee analysis</li> <li>• Cyber security controls and related fundamental principles of design architecture <ul style="list-style-type: none"> <li>○ Control of access both external and internal</li> <li>○ Defense-in-depth</li> <li>○ Independence</li> <li>○ Redundancy</li> <li>○ Deterministic performance</li> <li>○ Simplicity</li> </ul> </li> </ul>	<p>Matt Bartlett, NMSS</p> <p>Joe Deucher, NMSS</p> <p>Brad Bergemann, NSIR</p> <p>Mike Shinn, Contractor</p> <p>Case Priester, Contractor</p>	3:00 pm - 5:00 pm
<b>VI</b>	Closing Remarks	C. Brown, ACRS	5:00 pm - 5:15pm

**Notes:**

- During the meeting, 301-415-7360 should be used to contact anyone in the ACRS Office.
- Presentation time should not exceed 50 percent of the total time allocated for a given item. The remaining 50 percent of the time is reserved for discussion.
- Thirty five (35) hard copies (2 B&W slides per page) of each presentation or handout should be provided to the Designated Federal Official the day before the meeting by Noon.
- 15 full page colored copies for the ACRS members and the court reporter. One (1) electronic copy of each presentation should be emailed to the Designated Federal Official 1 day before the meeting.