

August 10, 2016

MEMORANDUM TO: Craig G. Erlanger, Division Director  
Fuel Cycle Cyber Security  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

James W. Andersen, Division Director  
Fuel Cycle Cyber Security  
Cyber Security Directorate  
Office of Nuclear Security  
and Incident Response

FROM: James R. Downs, Program Manager **/RA/**  
Enrichment and Conversion Branch  
Division of Fuel Cycle Safety, Safeguards,  
and Environmental Review  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: PUBLICATION OF DRAFT PROPOSED RULE TEXT AND RELATED  
DRAFT REGULATORY GUIDE TO SUPPORT THE FUEL CYCLE  
CYBER SECURITY PUBLIC MEETING ON AUGUST 25, 2016

**Discussion:**

Enclosed is an updated version of the fuel cycle cyber security draft proposed rule text entitled, “§ 73.53 Requirements for cyber security at nuclear fuel cycle facilities” and the related draft regulatory guide (DRG), entitled, “Draft Regulatory Guide DG-5062 – Cyber Security Programs for Nuclear Fuel Cycle Facilities.” These documents are being made publically available to support a day-long Category 3 meeting on August 25, 2016. At the meeting, the U.S. Nuclear Regulatory Commission’s staff plans to summarize the updates (ML16221A082) to the previously published draft proposed rule text (ML16131A115) and introduce the DRG (ML16221A084).

CONTACT: Matthew Bartlett, NMSS/FCSE  
(301) 415-7154

The body of the draft RG describes one acceptable approach to implement a cyber security program consistent with the draft proposed rule text. In addition, 6 appendices make-up the remainder of the document. The Appendix A provides a generic template of the cyber security plan that licensees are required to submit to the NRC. Appendix B through F provide cyber security controls that licensees may use to protect vital digital assets from cyberattacks that could result in a consequence of concern. Feedback from stakeholders on the draft proposed rule language and related draft RG will be addressed prior to submission to the Commission.

Enclosures:

1. Draft Proposed Rule Text
2. Draft Regulatory Guide-5062

The body of the draft RG describes one acceptable approach to implement a cyber security program consistent with the draft proposed rule text. In addition, 6 appendices make-up the remainder of the document. The Appendix A provides a generic template of the cyber security plan that licensees are required to submit to the NRC. Appendix B through F provide cyber security controls that licensees may use to protect vital digital assets from cyberattacks that could result in a consequence of concern. Feedback from stakeholders on the draft proposed rule language and related draft RG will be addressed prior to submission to the Commission.

Enclosures:

- 1. Draft Proposed Rule Text
- 2. Draft Regulatory Guide-5062

**DISTRIBUTION:**

FCSE r/f	JDowns, NMSS	JDeucher, NMSS	TGrice, NMSS
CMaupin, NMSS	BBergemann, NSIR	CPantalo, NSIR	

**ADAMS Accession No.: ML16221A080**

**Package No.: ML16221A078**

<b>OFFICE</b>	FCSE/ECB	FCSE/ERB	FCSE/ECB	FCSE/ECB
<b>NAME</b>	MBartlett	AWalker-Smith	JDowns	MBartlett
<b>DATE</b>	08/09/2016	08/10/2016	08/10/2016	08/10/2016

**OFFICIAL RECORD COPY**