

CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Thursday, December 08, 2011 7:39 AM
To: Infanger, Paul; UNECC3Project@unistarnuclear.com
Cc: CCNPP3eRAIPEm Resource; Segala, John; Arora, Surinder; Wilson, Anthony; Vrahoretis, Susan
Subject: CCNPP3 - DRAFT RAI 329 NARP 6171
Attachments: DRAFT RAI 329 NARP 6171.doc; ATTACHMENTS 1 AND 2 RAI 329.docx

Paul,

Attached is Draft RAI No. 329 (eRAI No. 6171). You have until December 22, 2011 to review it and decide whether you need a clarification phone call to discuss the questions in the RAI before the final issuance. After the phone call or on December 22, 2011, the RAI will be finalized and sent to you for a response. You will then have 30 days to provide a technically complete response or an expected response date for the RAI.

Please note that this RAI contains Attachments.

Thanks

SURINDER ARORA, PE
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Subject: CCNPP3 - DRAFT RAI 329 NARP 6171
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From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

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DRAFT RAI 329 NARP 6171.doc		30714
ATTACHMENTS 1 AND 2 RAI 329.docx		27478

Options

Priority: Standard
Return Notification: No
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Sensitivity: Normal
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Request for Additional Information No. 329 (eRAI 6171)
DRAFT
12/8/2011

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 01 - Introduction and Interfaces
Application Section: Sections Related to 10 CFR Parts 30, 40 and 70

QUESTIONS for EPR Projects Branch (NARP)

01-14

As a part of the review of your combined license application, the staff will also be determining if your application contains adequate details to establish compliance to the applicable requirements of 10 CFR Parts 30, 40 and 70. To facilitate these reviews, the staff has created the attached tables (see Attachments 1 and 2) to collect the information relevant to your application. Please identify and list applicable sections of your application which include/provide the specific information identified by the staff. Specifically, the staff requests UniStar to complete the last column of the attached tables. Additionally, if your current version of the COLA does not have the requested information, it should be stated so in the last column of the attached tables and in such cases, the specific COLA mark up(s) are to be included in your response to this RAI.

**CROSS-REFERENCE OF REGULATIONS AND REGULATORY GUIDANCE IN SUPPORT OF REVIEW OF PART 30/40
LICENSE APPLICATION VS. PART 52 COLA CONTENT (ATTACHMENT 1)**

Review Area	Regulations	Regulatory Guidance	COLA Chapter/Section (To be completed by UniStar)
License Action Type	10 CFR Parts 30 and 40	Section 8.1 and Appendix D.1, Item No. 1 of NUREG-1556, Volume 7	
Legal Identity	10 CFR Parts 30.32, 30.34, 40.3, 40.21, and 40.31	Section 8.2 and Appendix D.2, Item No. 2 of NUREG-1556, Volume 7	
Address	10 CFR Parts 30.32 and 40.31	Section 8.3 and Appendix D.3 Item Nos. 2 and 3 of NUREG- 1556, Volume 7	
Person to be Contacted About this Application	10 CFR Parts 30.32 and 40.31	Section 8.4 and Appendix D.4, Item No. 4 of NUREG-1556, Volume 7	
Materials to be Possessed and Proposed Uses	10 CFR Parts 30.4, 30.14, 30.15, 30.18, 30.19, 30.21, 30.32(g), 30.32(i), 30.33(a)(1), 30.33, 31.5, 31.8, 31.11, 32.210, 40.1, 40.3, 40.4, 40.34, 40.32, 40.35, 51.21, and 51.22	Section 8.5.1, 8.6, Appendix C, and Appendix D.5, Item Nos. 5 and 6 of NUREG-1556, Volume 7	
Financial Assurance and Recordkeeping for Decommissioning (if applicable)	10 CFR Parts 30.35, 30.32(h), 40.31(i), and 40.36	Section 8.5.2, Appendix C, and Appendix G of NUREG-1556, Volume 7; and Chapter 4 and Appendix A of NUREG-1757, Volume 3	

Individual(s) Responsible for Radiation Safety Program and Their Training and Experience and Authorized User	10 CFR Parts 20.1101 30.33(a)(3), and 40.32(b)	Section 8.7.1, 8.7.2, Appendix C, and Appendix D.6, Item No. 7 of NUREG-1556, Volume 7	
Training for Individuals Working in or Frequenting Restricted Areas (Occupationally Exposed Individuals and Ancillary Personnel)	10 CFR Parts 19.11, 19.12, 19.13, 20.1801, 20.1802, 30.7, 30.9, 30.10, 30.33(a)(3), 30.34(e), 40.32(b), and 40.41	Section 8.8, Appendix C, and Appendix D.6, Item No. 8 of NUREG-1556, Volume 7	
Facilities and Equipment	10 CFR Parts 20.1101(b), 20.1406, 30.33(a)(2), 30.35(g), and 40.32(b)	Section 8.9, Appendix C, and Appendix D.6, Item No. 9 of NUREG-1556, Volume 7	
Radiation Safety Program	10. CFR Parts 20.1101, 20.2102, 21.21(a), and 40.32(b)	Section 8.10, Appendix C, and Appendix D.6, Item No. 10 of NUREG-1556, Volume 7	
Waste Management	10 CFR Parts 20.1904, 20.2001, 20.2002, 20.2003, 20.2004, 20.2005, 20.2006, 20.2007, 20.2108, 30.51, and 61.52	Section 8.11, Appendix C, and Appendix D.6, Item No. 11 of NUREG-1556, Volume 7	
Security of IAEA Category 1 and 2 Sources	10 CFR 20.2207 and Increased Controls Orders	Contact FSME/MSSA for information	
Fees	10 CFR Part 170.31	Section 8.12 and Appendix B of NUREG-1556, Volume 7	
Certification	18 U.S.C. 1001	Section 8.13 and Appendix B of NUREG-1556, Volume 7	
Amendments and Renewals	10 CFR Parts 2.109, 30.37, 30.38, 40.43, and 40.44	Section 9 of NUREG-1556, Volume 7	

Applications for Exemptions	10 CFR Parts 19.31, 20.2301, and 30.11	Section 10 of NUREG-1556, Volume 7	
Termination of Activities	10 CFR Parts 20.1402, 20.1403, 30.34(b), 30.35(g), 30.36(d), 30.36(g), 30.36(h), 30.36(j), 30.51(f), and 40.42	Section 11 of NUREG-1556, Volume 7	

CROSS-REFERENCE OF REGULATIONS AND REGULATORY GUIDANCE IN SUPPORT OF REVIEW OF PART 70 LICENSE APPLICATION VS. PART 52 COLA CONTENT, REVISION 1 (ATTACHMENT 2)

Review Area	Regulations	Regulatory Guidance	Acceptance Criteria	COLA Chapter/Section (To be completed by UniStar)
General Info.	10 CFR 70.22(a)(1) – (a)(4) 10 CFR 70.23(a)(5)	Chapter 1 of NUREG-1520	Sections 1.1.4, 1.2.4, and 1.3.4 of NUREG-1520.	
Organization and Admin.	10 CFR 70.22(a)(6) and (a)(8) 10 CFR 70.23(a)(2) and (a)(4)	Chapter 2 of NUREG-1520 Reg Guide 1.8	Section 2.4.3 of NUREG-1520	
ISA	N/A pursuant to 10 CFR 70.60	N/A	N/A	N/A
Radiation Protection	10 CFR Part 19 10 CFR Part 20 10 CFR 70.22(a)(6) – (a)(8) 10 CFR 70.23(a)(2) – (a)(4) 10 CFR Part 70, Subpart G	Chapter 4 of NUREG-1520, Reg Guide 1.8, 8.8, 8.10, 8.15, etc.	Section 4.4 of NUREG-1520	

Criticality Safety	<p>10 CFR 70.22(a)(6) – (a)(8).</p> <p>10 CFR 70.24(d)(1) includes an exemption from crit. alarms.</p> <p>10 CFR 70.23(a)(2) – (a)(4)</p> <p>10 CFR 70.52</p>	Chapter 5 of NUREG-1520	Section 5.4.3 of NUREG-1520	
Chemical Safety	N/A since the Part 70 license does not involve the use of chemicals	N/A	N/A	N/A
Fire Safety	<p>10 CFR 70.22(a)(6) – (a)(8)</p> <p>10 CFR 70.23(a)(2) – (a)(4)</p>	Chapter 7 of NUREG-1520	Section 7.4.3 of NUREG-1520	
Emergency Preparedness	<p>10 CFR 70.22(i)(1)(i) or 70.22 (i)(1)(ii).</p> <p>10 CFR 70.22(i)(3), if an emergency plan is required</p>	Chapter 8 of NUREG-1520	Section 8.4.3 of NUREG-1520	
Environmental Protection	<p>10 CFR Part 20</p> <p>10 CFR 70.22(a)(7) – (a)(8)</p> <p>10 CFR 70.23(a)(3) – (a)(4)</p> <p>Selected portions of 10 CFR Part 51, such as 10 CFR 51.52.</p>	<p>Chapter 9 of NUREG-1520</p> <p>NUREG-1748 for preparing the EA + FONSI related to the possession, inspection, and handling of SNM, if needed. Otherwise, document the review of these activities as part of the EIS being</p>	Section 9.4.3 of NUREG-1520 (safety review only)	

		prepared by the NRC staff under NUREG-1555.		
Decommissioning	N/A pursuant to 10 CFR 70.25 (a)	N/A	N/A	N/A
Management Measures	N/A pursuant to 10 CFR 70.60	N/A	N/A	N/A
MC&A	10 CFR 20.2201 10 CFR 70.22(b) includes an exemption from a Fundamental Nuclear Material Control Plan for SNM used at a Part 50 reactor site. 10 CFR 74, Subpart B	Currently, there is no regulatory guidance (i.e., NUREG or RegGuide) to evaluate the possession, inspection, and handling of SNM at a reactor site. Regulations in 10 CFR 74, Subpart B are currently used as guidance to perform the review in this area.	Currently, there is no regulatory guidance (i.e., NUREG or RegGuide) to evaluate the possession, inspection, and handling of SNM at a reactor site. Regulations in 10 CFR 74, Subpart B are currently used as guidance to perform the review in this area.	
Physical Security	10 CFR 73.55 and 73.67	Section 13.6.1 of NUREG-0800	Subsection II of Section 13.6.1 of NUREG-0800.	