

PMComanchePeakPEm Resource

From: Woodlan, Don [Donald.Woodlan@luminant.com]
Sent: Wednesday, June 13, 2012 3:02 PM
To: Monarque, Stephen; Galvin, Dennis; Roy, Tarun; ComanchePeakCOL Resource
Cc: Conly, John; Evans, Todd; Bird, Bobby; nicholas_kellenberger@mnes-us.com; russell_bywater@mnes-us.com
Subject: 2012-06-13 Woodlan ISCP/IHCP basis document schedule
Attachments: 2012-06-13 ISCP and IHCP Schedule of Basis Documents Rev1.pdf

Dennis, Tarun and Steve,

Attached is the schedule for the availability of the basis documents that support the Integrated Hydrology Closure Plan and the Integrated Seismic Closure Plan. Let me know if you have any questions or need any clarification. This schedule represents our current plans and is consistent with our closure plans.

Donald R. Woodlan

Manager, Nuclear Regulatory Affairs

Luminant Power

O- 254-897-6887 C- 214-542-7761

From: russell_bywater@mnes-us.com [mailto:russell_bywater@mnes-us.com]
Sent: Wednesday, June 13, 2012 12:04 PM
To: Woodlan, Don; Conly, John; Evans, Todd
Cc: nicholas_kellenberger@mnes-us.com
Subject: 2012-06-13 MNES ISCP/IHCP basis document schedule

Don,

Here is the updated basis document schedule. Comments we discussed yesterday have been addressed.

With respect to the "Item formerly known as #18." We have deleted it. There is no calc. There will be an FSAR markup, but the equation used ($PFA = C \times N \times A/w$) is provided, as well as all needed parameters. The parameters are also derived directly in the FSAR to prevent the need for a calc package (Section 3.5.1.6).

Russ

Russell Bywater, P.E.
Mitsubishi Nuclear Energy Systems, Inc.
600 East Las Colinas Blvd., Suite 850
Irving, TX 75039
Tel: 972-401-5255
Cell: 469-261-7984

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Subject: 2012-06-13 Woodlan ISCP/IHCP basis document schedule
Sent Date: 6/13/2012 3:02:26 PM
Received Date: 6/13/2012 3:02:49 PM
From: Woodlan, Don

Created By: Donald.Woodlan@luminant.com

Recipients:

"Conly, John" <John.Only@luminant.com>
Tracking Status: None
"Evans, Todd" <Eric.Evans@luminant.com>
Tracking Status: None
"Bird, Bobby" <Robert.Bird@energyfutureholdings.com>
Tracking Status: None
"nicholas_kellenberger@mnes-us.com" <nicholas_kellenberger@mnes-us.com>
Tracking Status: None
"russell_bywater@mnes-us.com" <russell_bywater@mnes-us.com>
Tracking Status: None
"Monarque, Stephen" <Stephen.Monarque@nrc.gov>
Tracking Status: None
"Galvin, Dennis" <Dennis.Galvin@nrc.gov>
Tracking Status: None
"Roy, Tarun" <Tarun.Roy@nrc.gov>
Tracking Status: None
"ComanchePeakCOL Resource" <ComanchePeakCOL.Resource@nrc.gov>
Tracking Status: None

Post Office: MDCEXMB02.tceh.net

Files	Size	Date & Time	
MESSAGE	2683	6/13/2012 3:02:49 PM	
2012-06-13 ISCP and IHCP Schedule of Basis Documents Rev1.pdf			92922

Options

Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Schedule of Availability for Auditable ISCP and IHCP Basis Documents

Note: This list of auditable Basis Documents associated with the ISCP and IHCP has been created by MNES on behalf of Luminant. The documents can be made available for NRC audit at the MNES offices. The list's purpose is to indicate all basis documents supporting the closure plans, and the timeframe when the documents will be available for NRC audit. The listed dates do not represent delivery dates to Luminant or the NRC. For actual documents to be delivered to the NRC (RAIs and UTRs) please consult the ISCP and IHCP Letters issued to the NRC on 4/16 and 4/27 respectively.

Item#	Basis Document	Description of Basis Document	Action	IHCP/ISCP Support	Date Available for NRC Audit (based on latest schedules as of 6/8/12)
1	COLA x/Q Documented Impact assessment TXUT-001-FSAR-13.3-CALC-026 TXUT-001-FSAR-2.3-CALC-024	Documented Impact assessment Technical Support Center Accident X/Q Calculation CPNPP Control Room Accident X/Q Calculation	Check current COLA X/Q are bounding	FSAR 2.3 confirmation of bounding current site specific X/Q FSAR 2.3 Source and Receptor location update	Aug-2012
2	TXUT-001-FSAR-2.4.2-CALC-036	Analysis of the Effects of Local Intense Precipitation-Comanche Peak Nuclear Power Plant Units 3&4	update	FSAR 2.4.2 Surface Water analysis and figure update	Oct-2012
3	TXUT-001-FSAR-2.4.2-CALC-037	Erosion Potential at Safety Related Structures Due to the Effects of Local Intense Precipitation-Comanche Peak Nuclear Power Plant Units 3&4.	update	FSAR 2.4.2 Surface Water analysis and figure update	Oct-2012
4	TXUT-001-FSAR-2.4.3-CALC-013	Coincident Wind Wave Analysis for Comanche Peak Nuclear Power Plant Units 3&4	update	FSAR 2.4.3 Surface Water analysis and figure update	Dec-2012
5	Fill properties estimate white paper	Estimation of Conservative Bounding Fill and Infiltration Cap Properties and Determination of Above-Grade Fill Extents	update	FSAR 2.4.12 GMS fill and cap properties input	Jun-2012 (R1) Sept-2012 (R2)
6	GMS Model and Calculation	Groundwater Level and Pathway input/output and Calculation	create	FSAR 2.4.12 Tank failure release groundwater level and pathway update Part 3 ER 2.3 Tank failure release groundwater level and pathway update	Sept-2012 (level) Oct-2012 (pathway)
7	RESRAD Model Calculation	Tank Failure Radioactive Effluent decay limit input/output and Calculation	create	FSAR 2.4.12 Tank failure release effluent limit update	Jan-2013
8	TXUT-001-FSAR-2.5-CALC-009	Settlement and Bearing Capacity	update	FSAR 2.5.4 bearing capacity update to account for foundation basemat elevation and changed structural loading conditions FSAR 3.7, 3.8 and Appendix 3KK, 3LL, 3MM consistency	Dec-2012
9	TXUT-001-FSAR-2.5-CALC-010	Lateral Earth Pressures	update	FSAR 2.5.4 lateral earth pressures descriptions update to match the revised foundation and excavation plan FSAR 3.7, 3.8 and Appendix 3KK, 3LL, 3MM consistency	Dec-2012

Schedule of Availability for Auditable ISCP and IHCP Basis Documents

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Item#	Basis Document	Description of Basis Document	Action	IHCP/ISCP Support	Date Available for NRC Audit (based on latest schedules as of 6/8/12)
10	TXUT-001-FSAR-2.5-CALC-018	Slope Stability	update	FSAR 2.5.4 slope stability descriptions update to match the revised foundation and excavation plan	Dec-2012
11	ENERCON's relevant Analyses, Calculations and Project Reports for 2.5.1, 2.5.2, and 2.5.3	Ch 2 Geotechnical analysis calculation and reports	supersede or update	FSAR 2.5.1, 2.5.2 and 2.5.3 update	Sept-12 (Seismic Source, FIRS & GMRS) Oct-12 (Time histories)
12	4CS-CP34-20080058	Comanche Peak Units 3 & 4 Site Plan and Plot Plan	update	FSAR 1.2 Plot Plan figure update FSAR 2.1 Plot Plan figure update FSAR 2.3 Source and Receptor location update FSAR 3.5 Aircraft Hazard impact analysis probability update based on new plant area FSAR Ch 3.7, 3.8 and Appendix 3KK, 3LL, 3MM & 3NN Seismic/Stability analysis update FSAR Ch 8.3 Plot Plan update on figure of Ground Grid and Lightning Protection System FSAR 9.5 and 9A Plot Plan figure update FSAR 19 external events PRA update PART 3, ER 2, 3, 4 & 6 Plot Plan figure Update Part 8 Plot Plan figure update Part 10 Appendix A Plot Plan figure update	Sept-2012
13	4CS-CP34-20080027	General Arrangement of Power Block	update	FSAR 1.2 General Arrangement figure update FSAR Ch 3.7, 3.8 and Appendices Seismic/Stability analysis update FSAR 9.5 and 9A General Arrangement figure update FSAR 12 General Arrangement figure update (post accident radiation zone map) FSAR 19 external events PRA update Part 8 General Arrangement figure update Part 10 Appendix A concrete thickness update	Sept-2012

Schedule of Availability for Auditable ISCP and IHCP Basis Documents

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14	DCD x/Q Documented Evaluation NO-EB30007	Documented Evaluation	Check current DCD X/Q are bounding	COLA x/Q EVALUATION: FSAR 2.3 confirmation of bounding current site specific X/Q FSAR 2.3 Source and Receptor location update FSAR 6.4 confirmation of no update to Main Control Room Habitability analysis FSAR 15 confirmation of bounding current site specific X/Q	Jul-2012
	6CS-1E-CP34-080012	Atmospheric dispersion factors (X/Q) and deposition factors (D/Q) for dose calculation Comparison between DCD x/Q Values and CP34 Site-specific x/Q Values for Design-Basis Accidents	check and update if necessary check and update if necessary		Dec-2012
15	4CS-CP34-20080060	Comanche Peak Units 3 and 4 Site Grading and Drainage	update	FSAR 2.4.2, 2.4.3 Surface Water analysis and figure update FSAR 2.4.12 GWL and Pathway analysis and figure update FSAR 2.5.4 Grading and Drainage figure update FSAR 3.4 Internal flooding analysis FSAR 3.7, 3.8 and Appendix 3KK, 3LL, 3MM & 3NN analysis update	Sept-2012
16	4CS-CP34-20110023	Nuclear and Turbine Island Excavation Plan and Sections	update	FSAR 2.4.2, 2.4.3 Surface Water analysis and figure update FSAR 2.4.12 GWL and Pathway analysis and figure update FSAR 2.5.2 FIRS and GMRS update (control elevation) FSAR 2.5.4 excavation figure update FSAR 3.7, 3.8 and Appendix 3KK, 3LL, 3MM & 3NN analysis update	Sept-2012
17	4CS-CP34-20120002	Internal Flooding Study for Site-Specific Structures	update	FSAR 3.4 internal flooding analysis	Nov-2012

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18	4DS-CP34-20080048	Comanche Peak Units 3 and 4 Structural, Seismic and Stability Analyses	update	FSAR 3.7, 3.8 and Appendix 3KK, 3LL, 3MM & 3NN analysis update	Feb-2013 (UHS, PSFSV & ESWPT) May-2013 (R/B Complex)
19	4DS-CP34-20080049				
20	4DS-CP34-20080050				
21	4DS-CP34-20080051				
22	4DS-CP34-20080052				
23	4DS-CP34-20080053				
24	4DS-CP34-20080054				
25	4DS-CP34-20080055				
26	4DS-CP34-20080056				
27	7CG-CP34-20110006	CP34 Conceptual Drawing of Grounding Grid and Lightning Protection	update	FSAR 8.3 Plot Plan update on figure of Ground Grid and Lightning Protection System	Sept-2012
28	4CS-CP34-20080043	CPNPP Units 3 and 4 - System Description UHS ESW Pump House Ventilation System	update	FSAR 9.4 HVAC system design update (capacity of coil)	Aug-2012
29	4CS-CP34-20080050	CPNPP Units 3 and 4 - Class 1E Electrical Room HVAC System (CERVS) Calculations			
30	4CS-CP34-20080067	CPNPP Units 3 and 4 - Auxiliary Building HVAC System (AUXVS) Calculations			
31	4CS-CP34-20080030	Comanche Peak Units 3 & 4 UHS Layout Drawing for COL Application	update	FSAR 1.2 UHS layout update FSAR 9.5 and 9A UHS layout update	Sept-2012
32	4CS-CP34-20080047	Fire Area Drawing and Fire Area List (COL Appendix 9A Input Data)	update	FSAR 9.5 and 9A Fire Hazard Analysis update	Oct-2012
33	4CS-CP34-20080048	CPNPP Units 3 and 4 - Fire Hazard Analysis			
34	4CS-CP34-20080054	CPNPP Units 3 and 4 - System Description Fire Protection System			
35	4CS-CP34-20080038	Comanche Peak Units 3 and 4 Location of Radwaste Evaporation Pond	check and update if necessary	FSAR 11.5 Confirmation of radiation monitoring	Aug-2012
36	4CS-CP34-20080055	CPNPP Units 3 and 4 -Control Room Habitability Analysis Following Postulated Toxic Chemical Release	check and update if necessary	FSAR 6.4 Toxic Gas Protection	Aug-2012
37	4CS-CP34-20080055	Control Room Habitability Analysis Following Postulated Toxic Chemical Release			

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38	6ES-1E-CP34-090008	CP34 COLA Conceptual Engineering Risk evaluation for Other External Events - Comanche Peak NPP 3/4	check and update if necessary	FSAR 19 external events PRA update	Sept-2012
39	DCD PRA	Flooding and Fire Probabilistic Risk Assessment	Update DCD basis (COLA IBR)	FSAR 19 external events PRA update	Jul-2012
40	DCD HAE	High Assurance Evaluation Assessment	Update DCD basis (COLA IBR)	Part 8 Physical Security Plan update FSAR 13.6 consistency with Part 8	Oct-2012