CCNPP3COLA NPEmails

From: John Rycyna
Sent: Tuesday, February 17, 2009 8:26 AM
To: Sarah Gonzalez
Cc: CCNPP3COL Resource
Subject: FW: Calculation list for CCNPP Unit 3 Geology Audit (NON PUBLIC)
Attachments: Geology Audit Calculation List.pdf

Sarah,

This is the list of geology calcs. Please identify those you would like available at the audit.

Thanks.

John

From: Poche, Robert [mailto:robert.poche@unistarnuclear.com]
Sent: Friday, February 13, 2009 8:09 AM
To: John Rycyna
Subject: Calculation list for CCNPP Unit 3 Geology Audit

John,

Please find attached the FSAR Section 2.5 calculation list that was requested to support the upcoming geology audit for CCNPP Unit 3.

<<Geology Audit Calculation List.pdf>>

Robert Poche

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Hearing Identifier: CalvertCliffs_Unit3Cola_NonPublic_EX
Email Number: 1065

Mail Envelope Properties (499C2FC6BB962446994CA8682D8ADF3316CBC74E3D)

Subject: FW: Calculation list for CCNPP Unit 3 Geology Audit (NON PUBLIC)
Sent Date: 2/17/2009 8:25:46 AM
Received Date: 2/17/2009 8:25:52 AM
From: John Rycyna

Created By: John.Rycyna@nrc.gov

Recipients:
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Sarah Gonzalez" <Sarah.Gonzalez@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	1073	2/17/2009 8:25:52 AM
Geology Audit Calculation List.pdf	844658	

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

List of Geotechnical Calculations
CCNPP Unit 3

Calc. Number	Rev.	Calc. Name
25237-103-K0C-CY05-00001	004	Soil Response to Dynamic Loading
25237-103-K0C-CY05-00002	001	Geotechnical Engineering Properties
25237-103-K0C-CY05-00003	002	Static and Dynamic Analysis of Slopes
25237-103-K0C-CY05-00004	001	Liquefaction Analysis
25237-103-K0C-CY05-00005	000	RCTS and EPRI Curves Reconciliation
25237-103-K0C-CY05-00006	005	Bearing Capacity & Settlement
25237-103-K0C-CY05-00007	002	Static & Seismic Lateral Earth Pressures
25237-103-K0C-CY05-00008	001	Common Basemat Settlement
25237-103-K0C-CY05-00009	001	Response to Dynamic Loading for UHS

List of Vibratory Ground Motion Calculations: Section 2.5.2
CCNPP Unit 3

Calc. Number	Rev.	Calc. Name
25237-000-K0C-CY08-00001	001	Update of the EPRI (1988) Seismicity Catalog
25237-000-K0C-CY08-00002	001	Procedure for Converting Between Moment Magnitude & Body Wave Magnitude
25237-000-K0C-CY08-00003	001	Determination of Epicentral Distances for Updated Seismicity Catalog
25237-103-K0C-CY05-00001	004	Response to Dynamic Loading
25237-000-V14-HPYK-00002	001	Source Logic for EPRI-SOG Sources for Calvert Cliffs (0620-ACR-009)
25237-000-V14-HPYK-00003	003	Calculation of Updated Rock Seismic Hazard for Calvert Cliffs (0620-ACR-011)
25237-000-V14-HPYK-00004	001	Source Logic for EPRI-SOG Sources for Calvert Cliffs (0620-ACR-010 - ZIPPED File)
25237-000-V14-HPYK-00005	002	Create EPR *.SRC Files (0620-ACR-001)
25237-000-V14-HPYK-00006	002	Create EPR *.SRC Files (0620-ACR-002 ZIPPED File)
25237-000-V14-HPYK-00007	003	Replication of 1989 EPR-SOG Hazard for Calvert Cliffs (0620-ACR-003)
25237-000-V14-HPYK-00008	002	Replication of 1989 EPR-SOG Hazard for Calvert Cliffs (0620-ACR-004 ZIPPED File)
25237-000-V14-HPYK-00009	001	Significant Seismic Sources for Calvert Cliffs (0620-ACR-005)
25237-000-V14-HPYK-00010	001	Significant Seismic Sources for Calvert Cliffs(0620-ACR-006 ZIPPED file)
25237-000-V14-HPYK-00011	001	Sensitivity Analysis on Updated Seismicity for Calvert Cliffs (0620-ACR-007)

25237-000-V14-HPYK-00012	001	Sensitivity Analysis on Updated Seismicity for Calvert Cliffs (0620-ACR-008 ZIPPED File)
25237-000-V14-HPYK-00013	002	Calculation of Updated Rock Seismic Hazard for Calvert Cliffs (0620-ACR-012) ZIPPED FILE
25237-000-V14-HPYK-00014	006	Calculation Revised Sigma Rock Seismic Hazard for Calvert Cliffs (0620-ACR-013)
25237-000-V14-HPYK-00015	007	Revised Sigma Rock Seismic Hazard for Calvert Cliffs (0620-ACR-014-ZIPPED FILES)
25237-000-V14-HPYK-00016	003	Calculation Sensitivity Studies of Rock Seismic Hazard for Calvert Clliffs (0620-ACR-015)
25237-000-V14-HPYK-00017	002	Development of Artificial Profiles for Calvert Cliffs COLA 0620-ACR-018
25237-000-V14-HPYK-00018	001	Development of Artificial Profiles for Calvert Cliffs COLA 0620-ACR-019 (ZIPPED)
25237-000-V14-HPYK-00019	002	Calculation Source and Tree Files for Calvert Cliffs (0620-ACR-016)
25237-000-V14-HPYK-00020	002	Calculation Sensitivity on Sigma Rock Seismic Hazard (Task7) (0620-ACR-020)
25237-000-V14-HPYK-00021	002	Calculation Comparison of Hazard Calculations With and Without D&M Sources (0620-ACR-022)
25237-000-V14-HPYK-00022	002	Calculation Source and Tree Files for Calvert Cliffs (0620-ACR-017 ZIPPED FILES)
25237-000-V14-HPYK-00023	002	Calculation Sensitivity on Sigma Rock Seismic Hazard (Task7) (0620-ACR-021 ZIPPED FILES)
25237-000-V14-HPYK-00024	002	Calculation Comparison of Hazard Calculations With and Without D&M Sources (0620-ACR-023 ZIPPED FILES)
25237-000-V14-HPYK-00025	002	Sources Files for Charleston Sources (0620-ACR-024)
25237-000-V14-HPYK-00026	002	Sources Files for Charleston Sources (0620-ACR-025 ZIPPED)
25237-000-V14-HPYK-00027	003	Deaggregation of 10 (4) and 10 (5) Hazard with Revised Sigma (0620-ACR-026)
25237-000-V14-HPYK-00028	003	Deaggregation of 10 (4) and 10 (5) Hazard with Revised Sigma (0620-ACR-027 ZIPPED)
25237-000-V14-HPYK-00029	003	Calculation of Site Response for Calvert Cliffs COLA (0620-ACR-028)
25237-000-V14-HPYK-00030	003	Calculation of Site Response for Calvert Cliffs COLA (0620-ACR-029 ZIPPED
25237-000-V14-HPYK-00031	002	Development of Vertical Spectral Ratios (0620-ACR-030)
25237-000-V14-HPYK-00032	002	Development of Vertical Spectral Ratios (0620-ACR-031 ZIPPED)
25237-000-V14-HPYK-00033	005	High Frequency and Low Frequency Horizontal Spectra (0620-ACR-032)

25237-000-V14-HPYK-00034	003	High Frequency and Low Frequency Horizontal Spectra (0620-ACR-033 ZIPPED)
25237-000-V14-HPYK-00035	005	Recommended Horizontal and Vertical Design Spectra (0620-ACR-034)
25237-000-V14-HPYK-00036	004	Recommended Horizontal and Vertical Design Spectra (0620-ACR-035 ZIPPED)
25237-000-V14-HPYK-00053	002	Artificial profiles for Calvert Cliffs COLA Using Degradation Curves from RCTS Tests (0620-ACR-046)
25237-000-V14-HPYK-00054	002	Electronic files – Development of Artificial profiles for Calvert Cliffs COLA Using Degradation Curves from RCTS Tests (0620-ACR-047)
25237-000-V14-HPYK-00055	003	Calculation of site response for Calvert Cliffs using Degradation curves from RCTS data (0620-ACR-048).
25237-000-V14-HPYK-00056	002	Electronic files for Calculation of Site Response for Calvert Cliffs COLA Using Degradation Curves from RCTS Tests (0620-ACR-049)
25237-000-V14-HPYK-00057	001	Calculation of strain-compatible soil profiles for Calvert Cliffs COLA (0620-ACR-050).
25237-000-V14-HPYK-00058	001	Electronic files for Calculation of strain-compatible soil profiles for Calvert Cliffs COLA (0620-ACR-051)
25237-103-V14-CY06-00007	002	6.0 Tabulation of Seismic Source Data and 7.0 Evaluation of Existing EPRI Source Model