HLWYM HEmails

From: Keith Compton
Sent: Thursday, November 01, 2007 4:30 PM
To: Osvaldo Pensado; James Mancillas; Olufemi Osidele; Bret Leslie; Christopher Grossman; Jin-Ping Gwo; Tina Ghosh; Timothy McCartin; Christopher Markley
Subject: Summary table of TSPA-SEIS modeling cases for ready reference attached EOM
Attachments: TSPA SEIS Modeling Cases.doc

Hearing Identifier: HLW_YuccaMountain_Hold_EX
Email Number: 230

Mail Envelope Properties (Keith.Compton@nrc.gov20071101162949)

Subject: Summary table of TSPA-SEIS modeling cases for ready reference attached EOM
Sent Date: 11/1/2007 4:29:49 PM
Received Date: 11/1/2007 4:29:49 PM
From: Keith Compton

Created By: Keith.Compton@nrc.gov

Recipients:
"Osvaldo Pensado" <opensado@cnwra.swri.edu>
Tracking Status: None
"James Mancillas" <jmancillas@cnwra.swri.edu>
Tracking Status: None
"Olufemi Osidele" <oosidele@cnwra.swri.edu>
Tracking Status: None
"Bret Leslie" <Bret.Leslie@nrc.gov>
Tracking Status: None
"Christopher Grossman" <Christopher.Grossman@nrc.gov>
Tracking Status: None
"Jin-Ping Gwo" <Jin-Ping.Gwo@nrc.gov>
Tracking Status: None
"Tina Ghosh" <Tina.Ghosh@nrc.gov>
Tracking Status: None
"Timothy McCartin" <Timothy.McCartin@nrc.gov>
Tracking Status: None
"Christopher Markley" <Christopher.Markley@nrc.gov>
Tracking Status: None

Post Office:

Files	**Size**	**Date & Time**
MESSAGE	3	11/1/2007 4:29:49 PM
TSPA SEIS Modeling Cases.doc	42048	

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

TSPA-SEIS Modeling Cases

Modeling Case		**Time Frame**	**Aleatory**	**Epistemic**	**Total**
Nominal LA_v5.000_NC_000300_000		1 Myr	1	300	300
Early Drip Shield Failure LA_v5.000_ED_003000_007	2 waste types (CSNF and CDSP) 5 percolation subregions (uses always dripping env)	10 Kyr	10	300	3000
Early Drip Shield Failure LA_v5.000_ED_003000_008	2 waste types (CSNF and CDSP) 5 percolation subregions (uses always dripping env)	1 Myr	10	300	3000
Early WP Failure LA_v5.000_EW_006000_011	2 waste types (CSNF and CDSP) 2 dripping environments (non dripping, dripping wo LC) 5 percolation subregions	10 Kyr	20	300	6000
Early WP Failure LA_v5.000_EW_006000_012	2 waste types (CSNF and CDSP) 2 dripping environments (non dripping, dripping wo LC) 5 percolation subregions	1 Myr	20	300	6000
Seismic Ground Motion LA_v5.000_SM_009000_005	6 event times (200,1K,3K,6K,12K,18K yr) 5 damage fractions(1e-7,1e-6,1e-5,1e-4,1e-3) 300 epistemic realizations	10 Kyr	30	300	9000
Seismic Ground Motion LA_v5.000_SM_009000_000	30 seismic futures using GS event generator 300 epistemic realizations	1 Myr	30	300	9000
Seismic Fault Displacement LA_v5.000_SF_010800_001	2 waste types (CSNF and CDSP), 100 WP per rlzn 3 damage fractions (1/3, 2/3,3/3 of lid area) 6 event times (200,800,2K,4K,8K,18K)	10 Kyr	36	300	10800
Seismic Fault Displacement LA_v5.000_SF_010800_000	2 waste types (CSNF and CDSP), 100 WP per rlzn 3 damage fractions (1/3, 2/3,3/3 of lid area) 6 event times (1K,20K,80K,200K,400K,800K)	1M Kyr	36	300	10800
Igneous Intrusion LA_v5.000_IG_003000_016	10 event times (10,100,600,1K,2K,4K,6K,10K,14K,18K)	10 Kyr	10	300	3000
Igneous Intrusion LA_v5.000_IG_003000_017	10 event times (250,600,1K,4K,10K,40K,100K,200K,400K,800K)	10 Kyr	10	300	3000