



Department of Energy
Office of Civilian Radioactive Waste Management
Office of Repository Development
P.O. Box 364629
North Las Vegas, NV 89036-8629

QA: N/A

NOV 20 2002

OVERNIGHT MAIL

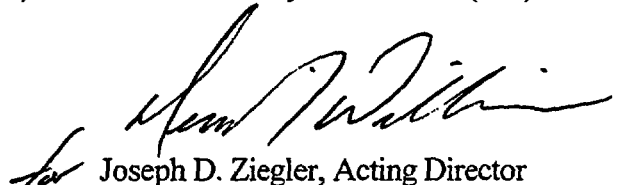
Cheryl A. Trottier, Chief
Environmental and Performance Assessment Branch
Division of Waste Management
Office of Nuclear Material Safety
and Safeguards
U.S. Nuclear Regulatory Commission
Two White Flint North
Rockville, MD 20852

TRANSMITTAL OF SUPPLEMENTAL INFORMATION IN RESPONSE TO U.S. NUCLEAR
REGULATORY COMMISSION REQUEST FOR INFORMATION – FINAL
ENVIRONMENTAL IMPACT STATEMENT TOTAL SYSTEM PERFORMANCE
ASSESSMENT MODEL

Reference: Ltr, Ziegler to Trottier, dtd 11/13/02

This letter transmits the supplemental information missing from the above referenced letter (file SE01_006nm6.gsm, TDIF 313433, DTN M00208MWDTSPI1.012) (enclosure). All files and support files needed to run and independently execute the model case requested are now provided in the enclosed CD. After downloading these files to your hard drive, please make sure attributes for the files are not set to "read only" before using the files. This model case was run on GoldSim version 7.17.200.

There are no new regulatory commitments in this letter. Please direct any questions concerning this letter and its enclosure to Mark C. Tynan at (702) 794-5457 or Timothy C. Gunter at (702) 794-1343.


for Joseph D. Ziegler, Acting Director
Office of License Application and Strategy

OLA&S:TCG-0294

Enclosure:
CD – FEIS Disk 6/9 SE01_006nm6, TDIF 313433

cc w/o encl:

D. D. Chamberlain, NRC, Arlington, TX
R. M. Latta, NRC, Las Vegas, NV
Margaret Chu, DOE/HQ (RW-1), FORS
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George McCorkell, Esmeralda County, Goldfield, NV
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Michael King, Inyo County, Edmonds, WA
Andrew Remus, Inyo County, Independence, CA
Mickey Yarbrow, Lander County, Battle Mountain, NV
Lola Stark, Lincoln County, Caliente, NV
Arlo Funk, Mineral County, Hawthorne, NV
L. W. Bradshaw, Nye County, Pahrump, NV
David Chavez, Nye County, Tonopah, NV
Josie Larson, White Pine County, Ely, NV
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R. D. Rogers, MTS, Las Vegas, NV
J. R. Dyer, DOE/ORD (RW-2W), Las Vegas, NV
W. J. Boyle, DOE/ORD (RW-40W), Las Vegas, NV

cc w/o encl: (continued)

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OLA&S Library
Records Processing Center = "6"
(ENCL = READILY AVAILABLE)

TSPA-FEIS GoldSim Model files.

NRC Contact: David Esh, NMSS/DWM/EPAB, (301) 415-6705

Description of CD Contents:

One CD containing a GoldSim model file and supporting files from simulations for TSPA-FEIS. Need GoldSim software package to open or otherwise use. Capture of screen images of CD contents follow.

CD Label Information:

FEIS DISK 6/9

SE01_006nm6

TDIF 313433

SE01_006nm6_Run_Files.txt
Contents of SE01_006nm6_Run_Files.zip

afm_pch1.dpdp	1/5/00 12:39 PM	3,715
bf2.txt	3/13/00 9:36 AM	77
bf3.txt	3/13/00 9:36 AM	77
ch1.txt	3/13/00 9:36 AM	77
ch6.txt	3/13/00 9:36 AM	77
chv.txt	3/13/00 9:36 AM	77
chz.txt	3/13/00 9:36 AM	77
CSNF_HT_high_pf_bin2.txt	5/14/01 12:43 PM	103,535
CSNF_HT_high_pf_bin3.txt	5/14/01 12:43 PM	517,319
CSNF_HT_high_pf_bin4.txt	5/14/01 12:43 PM	6,059,069
CSNF_HT_high_pf_bin5.txt	5/14/01 12:43 PM	3,236,471
CSNF_HT_low_pf_bin1.txt	5/14/01 12:43 PM	6,384,185
CSNF_HT_low_pf_bin2.txt	5/14/01 12:43 PM	3,532,031
CSNF_HT_mean_pf_bin2.txt	5/14/01 12:43 PM	576,431
CSNF_HT_mean_pf_bin3.txt	5/14/01 12:43 PM	2,867,021
CSNF_HT_mean_pf_bin4.txt	5/14/01 12:43 PM	6,472,853
csnf_HTOM_high_bin2.ou	5/17/01 2:14 PM	172,601
csnf_HTOM_high_bin3.ou	5/17/01 2:14 PM	822,551
csnf_HTOM_high_bin4.ou	5/17/01 2:14 PM	10,067,228
csnf_HTOM_high_bin5.ou	5/17/01 2:14 PM	5,471,675
csnf_HTOM_low_bin1.ou	5/17/01 2:13 PM	9,287,822
csnf_HTOM_low_bin2.ou	5/17/01 2:13 PM	5,249,759
csnf_HTOM_mean_bin2.ou	5/17/01 2:14 PM	916,541
csnf_HTOM_mean_bin3.ou	5/17/01 2:14 PM	4,584,788
csnf_HTOM_mean_bin4.ou	5/17/01 2:14 PM	10,661,318
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CSNF_LT2_high_pf_bin3.txt	7/24/01 5:03 PM	1,758,671
CSNF_LT2_high_pf_bin4.txt	7/24/01 5:03 PM	6,206,849
CSNF_LT2_high_pf_bin5.txt	7/24/01 5:03 PM	3,192,137
CSNF_LT2_low_pf_bin1.txt	7/24/01 5:03 PM	7,876,763
CSNF_LT2_low_pf_bin2.txt	7/24/01 5:03 PM	3,384,251
CSNF_LT2_mean_pf_bin2.txt	7/24/01 5:03 PM	1,788,227
CSNF_LT2_mean_pf_bin3.txt	7/24/01 5:03 PM	3,192,137
CSNF_LT2_mean_pf_bin4.txt	7/24/01 5:03 PM	6,280,739
csnf_LTOM_high_bin2.ou	7/26/01 7:51 AM	167,813
csnf_LTOM_high_bin3.ou	7/26/01 7:51 AM	2,851,669
csnf_LTOM_high_bin4.ou	7/26/01 7:51 AM	10,064,532
csnf_LTOM_high_bin5.ou	7/26/01 7:51 AM	5,176,080
csnf_LTOM_low_bin1.ou	7/26/01 7:50 AM	12,772,351
csnf_LTOM_low_bin2.ou	7/26/01 7:50 AM	5,487,599
csnf_LTOM_mean_bin2.ou	7/26/01 7:50 AM	2,899,595
csnf_LTOM_mean_bin3.ou	7/26/01 7:50 AM	5,176,080
csnf_LTOM_mean_bin4.ou	7/26/01 7:50 AM	10,184,347
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fehmn.gold	5/4/01 9:53 AM	1,278
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ff0300.ini	10/11/99 8:55 PM	15,937,540
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ff1200.ini	10/14/99 9:43 PM	15,938,094
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ff2100.ini	10/14/99 9:45 PM	15,938,094
ff2200.ini	10/14/99 9:46 PM	15,938,094
ff2300.ini	10/14/99 9:47 PM	15,938,094

ff3000.ini	9/8/00 1:40 PM	15,938,094
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ff5000.ini	9/8/00 1:39 PM	15,938,094
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fm_pchm1.grid	1/4/00 10:20 AM	2,335,583
fm_pchm1.stor	1/4/00 10:20 AM	29,301,805
fm_pchm1.zone	1/4/00 10:19 AM	980,781
fm_pchm1.zone2	3/3/00 11:13 AM	1,082,426
fm_pchm1.zone2.0100	3/3/00 11:13 AM	1,082,424
fm_pchm1.zone2.0200	3/3/00 11:13 AM	1,082,426
fm_pchm1.zone2.0300	3/3/00 11:12 AM	1,082,424
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HLW_HT_high_pf_bin3.txt	5/14/01 12:43 PM	517,319
HLW_HT_high_pf_bin4.txt	5/14/01 12:43 PM	6,059,069
HLW_HT_high_pf_bin5.txt	5/14/01 12:43 PM	3,236,471
HLW_HT_low_pf_bin1.txt	5/14/01 12:43 PM	6,384,185
HLW_HT_low_pf_bin2.txt	5/14/01 12:43 PM	3,532,031
HLW_HT_mean_pf_bin2.txt	5/14/01 12:43 PM	576,431
HLW_HT_mean_pf_bin3.txt	5/14/01 12:43 PM	2,867,021
HLW_HT_mean_pf_bin4.txt	5/14/01 12:43 PM	6,472,853
hlw_HTOM_high_bin2.ou	5/17/01 2:14 PM	179,783
hlw_HTOM_high_bin3.ou	5/17/01 2:14 PM	845,161
hlw_HTOM_high_bin4.ou	5/17/01 2:15 PM	10,294,658
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hlw_HTOM_low_bin1.ou	5/17/01 2:13 PM	9,625,376
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HLW_LT2_high_pf_bin2.txt	7/24/01 5:03 PM	103,535
HLW_LT2_high_pf_bin3.txt	7/24/01 5:03 PM	1,758,671
HLW_LT2_high_pf_bin4.txt	7/24/01 5:03 PM	6,206,849
HLW_LT2_high_pf_bin5.txt	7/24/01 5:03 PM	3,192,137
HLW_LT2_low_pf_bin1.txt	7/24/01 5:03 PM	7,876,763
HLW_LT2_low_pf_bin2.txt	7/24/01 5:03 PM	3,384,251
HLW_LT2_mean_pf_bin2.txt	7/24/01 5:03 PM	1,788,227
HLW_LT2_mean_pf_bin3.txt	7/24/01 5:03 PM	3,192,137
HLW_LT2_mean_pf_bin4.txt	7/24/01 5:03 PM	6,280,739
hlw_LTOM_high_bin2.ou	7/26/01 7:51 AM	167,813
hlw_LTOM_high_bin3.ou	7/26/01 7:51 AM	2,851,669
hlw_LTOM_high_bin4.ou	7/26/01 7:51 AM	10,064,532
hlw_LTOM_high_bin5.ou	7/26/01 7:51 AM	5,176,080
hlw_LTOM_low_bin1.ou	7/26/01 7:50 AM	12,772,351
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hlw_LTOM_mean_bin2.ou	7/26/01 7:50 AM	2,899,595
hlw_LTOM_mean_bin3.ou	7/26/01 7:51 AM	5,176,080
hlw_LTOM_mean_bin4.ou	7/26/01 7:51 AM	10,184,347
master_bf.in	5/3/01 2:00 PM	543
master_nbf.in	7/24/01 4:55 PM	561
pchl.rock	1/4/00 10:22 AM	3,349
pp1.txt	3/13/00 9:36 AM	77
pp2.txt	3/13/00 9:36 AM	77
pp3.txt	3/13/00 9:36 AM	77
pp4.txt	3/13/00 9:36 AM	77
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SeepFlowSD.dat	4/2/01 12:15 PM	425
SeepFrac.dat	4/2/01 12:10 PM	404
Sz_01_01	7/25/01 9:54 AM	3,604,849
Sz_01_02	7/25/01 9:54 AM	3,604,849
Sz_01_03	7/25/01 9:55 AM	3,604,849
Sz_01_04	7/25/01 9:55 AM	3,604,849
Sz_02_01	7/25/01 9:55 AM	3,604,849
Sz_02_02	7/25/01 9:55 AM	3,604,849
Sz_02_03	7/25/01 9:55 AM	3,604,849
Sz_02_04	7/25/01 9:55 AM	3,604,849
Sz_03_01	7/25/01 9:55 AM	3,604,849
Sz_03_02	7/25/01 9:55 AM	3,604,849
Sz_03_03	7/25/01 9:55 AM	3,604,849
Sz_03_04	7/25/01 9:55 AM	3,604,849
Sz_04_01	7/25/01 9:55 AM	3,604,849
Sz_04_02	7/25/01 9:55 AM	3,604,849
Sz_04_03	7/25/01 9:55 AM	3,604,849
Sz_04_04	7/25/01 9:55 AM	3,604,849
Sz_05_01	7/25/01 9:55 AM	3,604,849
Sz_05_02	7/25/01 9:55 AM	3,604,849
Sz_05_03	7/25/01 9:55 AM	3,604,849
Sz_05_04	7/25/01 9:55 AM	3,604,849
Sz_06_01	7/25/01 9:55 AM	3,604,849
Sz_06_02	7/25/01 9:55 AM	3,604,849
Sz_06_03	7/25/01 9:55 AM	3,604,849
Sz_06_04	7/25/01 9:55 AM	3,604,849
Sz_07_01	7/25/01 9:55 AM	3,604,849
Sz_07_02	7/25/01 9:55 AM	3,604,849
Sz_07_03	7/25/01 9:55 AM	3,604,849
Sz_07_04	7/25/01 9:55 AM	3,604,849
Sz_08_01	7/25/01 9:55 AM	3,604,849
Sz_08_02	7/25/01 9:55 AM	3,604,849
Sz_08_03	7/25/01 9:55 AM	3,604,849
Sz_08_04	7/25/01 9:55 AM	3,604,849
sz_convolute2.dat	6/2/01 9:31 AM	432
tsw4.txt	3/13/00 9:37 AM	77
tsw5.txt	3/13/00 9:37 AM	77
tsw6.txt	3/13/00 9:37 AM	77
tsw7.txt	3/13/00 9:37 AM	77
tsw8.txt	3/13/00 9:37 AM	77
tsw9.txt	3/13/00 9:37 AM	77
UZ_Params_Multi.sr	5/10/00 3:17 PM	176,012
WD4DLL.wap	4/6/01 7:17 PM	335
WDgA22SR00.cdf	5/12/00 11:13 AM	12,524
WDgA22x0p5.cdf	5/12/00 11:13 AM	12,524
WDgA22x2p5.cdf	5/12/00 11:13 AM	12,524
WDgTi7SR00.cdf	5/24/00 12:27 PM	12,526
WDhist.inp	5/17/01 1:59 PM	1,002
WDKIinM.fil	1/14/00 2:06 PM	1,436
WDKIinO.fil	1/14/00 9:26 PM	1,439
WDRHcrit.fil	2/24/00 7:24 PM	411

Additional_non_input_files.txt
Contents of Additional_Non_Input_Files.zip

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fm_pchm1.trc	5/4/01 4:25 PM	1,081
WDdA22SR00.cdf	5/4/01 4:24 PM	9,119
WDdA22x0p5.cdf	5/4/01 4:24 PM	9,119
WDdA22x2p5.cdf	5/4/01 4:24 PM	9,119
WDdTi7Sr00.cdf	5/4/01 4:24 PM	9,119
WDiA22x2p5.cdf	5/4/01 4:24 PM	9,119
WDKISCCM.fil	5/4/01 4:24 PM	13,458
WDKISCCO.fil	5/4/01 4:24 PM	13,458
WDMFDND.cdf	11/24/99 3:55 PM	775
WDMFDNDM.cdf	5/4/01 4:24 PM	890
WDMFDNDO.cdf	5/4/01 4:24 PM	1,118
WDMFDSizeM.cdf	5/4/01 4:24 PM	10,363
WDMFDSizeO.cdf	5/4/01 4:24 PM	10,363
WDndTi.cdf	1/17/00 10:36 AM	1,463
WDndTi7SR00.cdf	5/4/01 4:24 PM	9,119
WDStressM.fil	5/4/01 4:24 PM	13,448
WDStressO.fil	5/4/01 4:24 PM	13,448