

Entergy Nuclear Operations, INC.  
(Indian Point Nuclear Generating Units 2 and 3)  
License Renewal Application

Attachment A

Excerpt of SFPS MACCS2 output - LNT 3.4 LowDensity  
(ADAMS Accession No. ML13282A563)

November 13, 2012

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      8  1 4 2 1 4 4 4 2 2 1 1 1 1 2 2
      9  4 2 2 1 4 2 1 4 1 4 1 1 1 2 2 2
     10  4 2 2 1 1 1 1 1 4 4 1 1 1 1 1 1
     11  4 4 4 2 2 2 1 4 4 4 2 2 1 4 2 2
     12  4 4 2 2 2 1 4 2 1 1 2 2 1 4 2
     13  4 4 2 2 2 1 1 4 2 1 4 2 1 4 1 1
     14  1 4 4 2 2 1 1 4 1 4 1 1 1 1 1 1
     15  1 4 2 1 2 1 1 2 1 1 2 2 2 1 2 1
     16  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
     17  1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
THE KI MODEL IS IN EFFECT

***** BEGINNING OF CHANGE CASE  5 USER INPUT *****
*
* Form 'Basic Parameters' Comment
* Non-evacuation (0-10)
*
* EANAM2 - Name of emergency response cohort
589  EZEANAM2001  Group 6
***** RECORD NUMBER  589 REPLACES RECORD NUMBER  42 *****
*
* WTFRAC - weighting fraction applied to results of emergency response cohort
590  EZWTFRAC001  0.005
***** RECORD NUMBER  590 REPLACES RECORD NUMBER  44 *****
*
* LASMOV2 (used for no evacuation), always 0
591  EZLASMOV001  0
***** RECORD NUMBER  591 REPLACES RECORD NUMBER  121 *****
*
* EFFACY, KI Ingestion
592  EZEFFACY001  0.7
***** RECORD NUMBER  592 REPLACES RECORD NUMBER  259 *****
*
* POPFRAC, KI Ingestion
593  EZPOPPRC001  0.
***** RECORD NUMBER  593 REPLACES RECORD NUMBER  260 *****
.
***** TERMINATOR RECORD ENCOUNTERED -- END OF CHANGE CASE  5 USER INPUT *****

USER INPUT PROCESSING SUMMARY - CHANGE CASE  5
NUMBER OF RECORDS CHANGED      =  5
NUMBER OF RECORDS ADDED        =  0
*****

NO EVACUATION REQUESTED
THE KI MODEL IS IN EFFECT

***** WARNING -- THE FOLLOWING RECORDS WERE NEVER ACCESSED *****

LCDTHNUM001  1
LCDTHANN001  1.E-04
LCDTHLIF001  10000.
STFRACLD001  1.0

USER INPUT IS READ FROM UNIT 26
RECORD IDENTIFIER FIELDS 11 CHARACTERS LONG ARE EXPECTED.
THE FIRST 499 COLUMNS OF EACH INPUT RECORD ARE PROCESSED.

RECORD
NUMBER      RECORD

* File created using WinMACCS version 3.7.0 11/13/2012 4 58 24 PM
*
* CHNAME - description
1 CHCHNAME001  'OCP3 low density no spray'
*
* EVACST - daily cost
2 CHEVACST001  172.
*
* RELCST - daily cost due to intermediate
3 CHRELCST001  172.
*
* DUR_INTPHAS, intermediate-phase period
4 DUR_INTPHAS  0.E+00
*
* TMPACT - long term dose period
5 CHTMPACT001  3.16E+07
*
* Form 'Long Term Dose Criterion' Comment
* Value of DSCRLT (0.005) from Pennsylvania Bureau of Radiation Protection.
*
* DSCRTI - dose criterion for phase
6 CHDSCRTI001  1.00000E+05
*
* DSCRLT - dose criterion for habitation
7 CHDSCRLT001  .005
*
* EXPTIM - long term exposure period
8 CHEXPTIM001  1.58E+09
*
* CRTOCR - critical organ
9 CHCRTOCR001  L-ICRP60ED

* Form 'Number of Plan Levels' Comment
* From NUREG-1150.
*
* LVLDEC - number of decontamination levels
10 CHLVLDEC001  2
*
* TIMDEC - time for each level
11 CHTIMDEC001  3.15E+07
12 CHTIMDEC002  3.15E+07
*
* DSRFCT - effectiveness of decontamination
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