

WPO 34902



Sandia National Laboratories

Operated for the U.S. Department of Energy by
Sandia Corporation

Albuquerque, New Mexico 87185-1328

date: February 13, 1996

to: Martin Tierney, MS-1328 (6741)

from: *Palmer Vaughn*
Palmer Vaughn, MS-1328 (6749)

subject: WAS_AREA and REPOSIT / SAT_RBRN Distribution

Please modify Waste Area and Reposit SAT_RBRN parameter to reflect uniform distribution, with median equalling 0.276, as per SAND92-0700/3, *Preliminary Performance Assessment for WIPP* (December 1992, Vol 3: Model Parameters). My worksheet, *Waste/Reposit Parameters for BRAGFLO*, dated January 29, 1996, is attached.

Attachment

cc:

MS1328 Mary-Alena Martell

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Wash/Deposit Parameters for BraggLo

Palmer Vaughn 2/15/96

log k_x -12.769
 log k_y -12.769
 log k_z -12.769

Log permeation of 1.7×10^{-13} = -12.769
 From Barry Data Sheet (mean)
 3x 29, 96

Worksheet by Palmer Vaughn
 1/29/96

Porosity 0.848
 Sgr 0 → .15 uniform
 Sbr 0 → ~~0~~ uniform
 .552 Palmer Vaughn
 2/15/96
 Poredis ~~0.7~~
 2.89 Palmer Vaughn
 Pct-A 0
 Pct-Exp 0
 Relpmo 4
 Capmod 1
 Pcmay 10^8
 Comprock 0

These values all
 analyst's choice
 Palmer Vaughn 2/15/96

To be documented
 in the analysts
 write-up. See
 QAP-9.1 Palmer Vaughn 2/15/96

SBI 0.015 } From Barry Data Sheet (max)

Pressure 1.01×10^5
 KPT 0

These values all
 analyst's choice
 Palmer Vaughn 2/15/96