#1558

ChemRisk/Shonka Research Associates, Inc., Document Request Form

(This section to be completed by subcontractor requesting document)

JK Lamb / K-25 CEP

Requestor / Document Center (is requested to provide the following document)

Date of request 4/13/95 Expected receipt of document 4/30/95

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Title and author (if document is unnumbered)

TSCA Incinerator Emmissions Comparison of Actual 1991 to RIS.

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Signature

7-31-91

K-1435

Mike,

Attached is a table summarizing estimated doses and uranium emissions from TSCA. The table compares 1ST quater 1991 data verses the ORIGINAL EIS AND the proposed modification to the EIS.

Rodney

CC: Mike Ambrose
John Powell
Conard Stair

This document has been reviewed for classification and has been determined to be UNCLASSIFIED.
Sarah J. Welch
ADC Signature
4/13/95
Date

This document has been approved for release to the public by:
4/19/95
Technical Information Officer
Date
Oak Ridge K-25 Site

Oak Ridge K-25 Site
Oak Ridge, Tennessee 37831-7314
managed by
MARTIN MARIETTA ENERGY SYSTEMS, INC.
for the U.S. DEPARTMENT OF ENERGY
under Contract DE-AC05-84OR21400

TSCA INCINERATOR EMISSIONS
Comparison of Actual 1991 Emissions vs. EIS

EFFECTIVE DOSE (mRem/yr)	ORIGINAL EIS (6/82)	MODIFICATION TO EIS (8/85)[1]	1ST Quarter 1991 (ACTUAL)
Nearest boundary	NOT CALCULATED	0.11	NOT CALCULATED
Nearest resident	0.28	0.016	0.03 mrem/qt (=0.12 mrem/yr)
Most exposed resident	NOT CALCULATED (0.74)[2]	0.042	0.1 mrem/qt (=0.4 mrem/yr)
Uranium emissions (Curies)	0.006833 Ci/yr	0.015 Ci/yr	0.0274 Ci/quarter (=0.11 Ci/yr)

1 EIS was revised; however, DOE-HQ indicated that supplemental EIS was not necessary.

2 EIS did not provide estimate for most exposed individual; however, value was calculated using ambient air concentrations in EIS.

3 TSCA estimated doses to most exposed individual for months of Jan, Feb, Mar were 0.0068, 0.1, and 0.021 mrem respectively. The 1990 dose was 0.006 mrem/yr.

RHK 7-31-91