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

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Carbide and Carbon Chemicals Corporation Operating Contractor for the U.S. Atomic Energy Commission.

This document has been approved for release to the public by:

Gary W. Hallgren A.S. Quist 8/10/95
Technical Information Officer Date
Oak Ridge K-25 Site

CARBIDE & CARBON CHEMICALS CORP.

ENGINEERING DIVISION

PROCESS DEVELOPMENT DEPARTMENT

TO: S. Cromer

REPORT NO. 1.13.1
DATE November 23, 1945

CHECK BETWEEN LAB ANALYSIS AND SPACE RECORDER AT 312-2

The following checks on C-616 analysis were obtained between Mr. Priest's laboratories and the Space Recorder at 312-2 during the period 10/20/45 to 11/15/45. It will be noted that where the gas concentrations are above .005 mol % C-616, laboratory and space recorder results agree with each other.

Date	Time	Mol % (C-616 Lab.)	Mol % C-616 (S.W.)	Cell #
10/20	1355	.007 .010	.014	20
10/21	2145	.025 .023	.022	20
11/6	0920	.003 .001	10^{-5}	2
11/7	1030	.06 .05	.064	22
11/8	0950	.001 .001	4×10^{-5}	10
11/10	0945	.018 .020	.028	18
11/11	2320	.017 .016	.017	20
11/15	2010	.004 .009	.012	16

S. H. Smiley

SHS:mw