2231

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

(This section to be completed by subcontractor requesting document)

T. Bennett / 1034A Document Center

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

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Signature

AEC RESEARCH AND DEVELOPMENT REPORT

CARBIDE AND CARBON CHEMICALS CORP.

ENGINEERING DIVISION

PROCESS DEVELOPMENT DEPARTMENT

RECORD COPY

PLANT RECORDS

Report No.: 1.13.3

Date: 2/13/46

To: S. Cromer

LABORATORY CHECK OF THE SPACE RECORDER

Written by: S. H. Smiley

The following checks have been obtained between the Laboratory D analyses and the space recorder at 312-2 for the period 12/16/45 to 1/19/46.

Date	Cell #	Space Recorder (mol %)	Av. Lab. Analyses (mol %)
12/16/45	18	.018	.016
12/17	20	.024	.047
12/18	16	.009	.010
12/19	14	.007	.008
12/22	18	.040	.050
12/23	16	.014	.015
12/24	16	.013	.020
12/26	16	.011	.010
12/27	18	.032	.030
12/29	18	.026	.020
12/30	18	.042	.045
12/31	16	.107	.066
1/1/46	16	.033	.028
1/2	18	.092	.095
1/3	18	.029	.026
1/4	18	.018	.011
1/8	18	.007	.007
1/11	18	.018	.018
1/12	18	.028	.024
1/13	18	.009	.007
1/15	18	.007	.017
/19	14	.005	.007

It is evident from the data that any large errors in space recorder readings caused by faulty operation of the instrument will be easily detectable by laboratory analysis.

The program of daily analysis is being discontinued; however, whenever space recorder data is questionable, laboratory sampling and analysis of the gas stream will be used as verification of the reported concentration.

S. H. Smiley

J. L. Waters

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

UNCLASSIFIED

Classification changed to: Unclassified category) 2 July 55 Date

ADC or ADD signature (first review) Date

ADD signature (second review) 7/23/55 Date

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

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PLANT RECORDS

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