NOTICE

**CERTAIN DATA
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L. Squires

HW-3-2291

#2 W. O. Simon-B. H. Mackey-F. A. Otto

#3 M. H. Wahl, Wilmington

#4 H. Worthington

#5 Pink Copy

#6 Yellow Copy

HW--3-2291

ESTABLISHED 1802

E. I. DU PONT DE NEMOURS

INCORPORATED

P. O. BOX 100

RICHLAND,

EXPLOSIVES DEPARTMENT-TNX

The attention is directed to the fact that

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HW-3-22

DE91 002683

APRIL 30, 1945

TO: L. SQUIRES

FROM: R. L. MENEGUS

By the date of RIC-66-9

SE System 5-1-40

J. C. Leavengood 11-2-40

PM Eick 11-2-90

THIS DOCUMENT CONSISTS OF 2 PAGES

EXPOSURE HISTORY OF DISCHARGED METAL

Daily average nvt values and product concentrations for metal discharged at 100-D on 3-15-45, 3-29-45, and 4-19-45, and at 100 B on 4-12-45 are attached. These exposure values have been calculated by the method given in Kanne to Squires (4-12-45).

Material from 100-D

Batch (Calendar Days)	117	172	185	206
Date down for discharge	1-20-45	3-15-45	3-29-45	4-19-45
Megawatt Days per 2000 lb. ton	11.9	103	125	157

Date	Average	Daily	nvt	x 10 ⁻¹⁶
12-17	2.0	1.9	1.9	2.0
12-18	11.7	11.1	11.4	11.7
12-19	15.6	14.8	15.3	15.6
12-20	22.5	21.3	22.1	22.5
12-21	24.4	23.1	23.9	24.4
12-22	26.6	25.1	26.0	26.6
12-23	8.7	8.2	8.5	8.7
12-24	25.1	23.8	24.6	25.1
12-25	28.3	26.9	27.8	28.3
12-26 through 12-31	32.0	30.4	21.4	32.0
1-1	33.1	31.4	32.5	33.1
1-20	"	31.4	32.5	33.1
1-23	"	35.6	36.8	37.5
1-24	"	37.1	38.4	39.1
1-25	"	38.3	39.6	40.3
1-27	"	39.5	40.8	41.6
2-5	"	42.1	43.5	44.3
2-15	"	19.6	20.3	20.7
2-16	"	42.5	44.0	44.8
3-14	"	26.4	27.3	27.8
3-16	"		28.6	29.1
3-17	"		42.6	43.4
3-20	"		27.9	28.4
3-30	"			2.7
3-31	"			44.9
4-19	"			11.2

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INVE
9-47

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-2-

April 30, 1945

Material from 100-B

Batch (Calendar Days) 199
 Date Down for Discharge 4-12-45
 Megawatt Days per 2000 lb. ton 171

Date	Average Daily nvt x 10-16
9-22 through 9-25	.2
9-26 " 9-29	.9
10-7 " 10-11	5.6
10-15 " 10-18	9.3
10-23 " 11-5	16.8
11-6 " 11-19	16.8
12-2 " 12-19	22.4
12-29 " 12-30	28.2
12-31 " 1-5	33.6
1-6 " 1-7	35.4
1-8 " 1-12	37.3
1-13 " 1-15	39.2
1-16 " 1-17	40.1
1-20 " 1-23	40.1
1-24 " 1-25	42.9
1-26 " 1-31	44.8
2-1 " 2-3	45.7
2-4 " 2-21	46.6
2-23 " 3-7	46.6
3-9 " 3-21	46.6
3-23 " 4-11	46.6

HOOD WORTHINGTON, CHIEF SUPERVISOR
 100 TECHNICAL DEPARTMENT

R. L. Manegus

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