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LOADING AND OPERATING CONDITIONS
FOR PT-IP-378-A IN KER-1

7

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HW-67638
Page 2

LOADING AND OPERATING CONDITIONS
FOR PT-IP-378-A IN KER-1

Production Test IP-378-A(1) authorized the irradiation of NIN-1 elements with different heat treatments in the KER loops. This document provides the loading and operating conditions for a charge of ten elements in KER-1. The loading is given in Table I and the operating conditions are given in Figure 1.

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-
- 1) Kratzer, W. K. Production Test IP-378-A, Evaluation of Heat Treatment Variables During High Temperature Irradiation in the KER Loops, HW-67492. November 21, 1960.
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HW-67638
Page 3

TABLE I
FUEL LOADING FROM THE DOWNSTREAM
END OF THE PROCESS TUBE

<u>Position</u>	<u>Number of Pieces</u>	<u>Material</u>
1	1	Eight-inch perf
2-21	20	Eight-inch spacers
22	1	Eight-inch perf
23	1	Fifteen-inch element, 61-300
24	1	Eight-inch perf
25	1	Fifteen-inch element, 61-169
26	1	Eight-inch perf
27	1	Fifteen-inch element, 61-318
28	1	Eight-inch perf
29	1	Fifteen-inch element, 61-115
30	1	Eight-inch perf
31	1	Fifteen-inch element, 61-151
32	1	Eight-inch perf
33	1	Fifteen-inch element, 61-187
34	1	Eight-inch perf
35	1	Fifteen-inch element, 61-282
36	1	Eight-inch perf
37	1	Fifteen-inch element, 60-195
38	1	Eight-inch perf
39	1	Fifteen-inch element, 61-79
40	1	Eight-inch perf
41	1	Fifteen-inch element, 61-133
42	1	Eight-inch perf

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FIGURE I

Operating Temperature and
Trip Settings.

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