

c.1



# Lawrence Berkeley Laboratory

UNIVERSITY OF CALIFORNIA

## Engineering & Technical Services Division

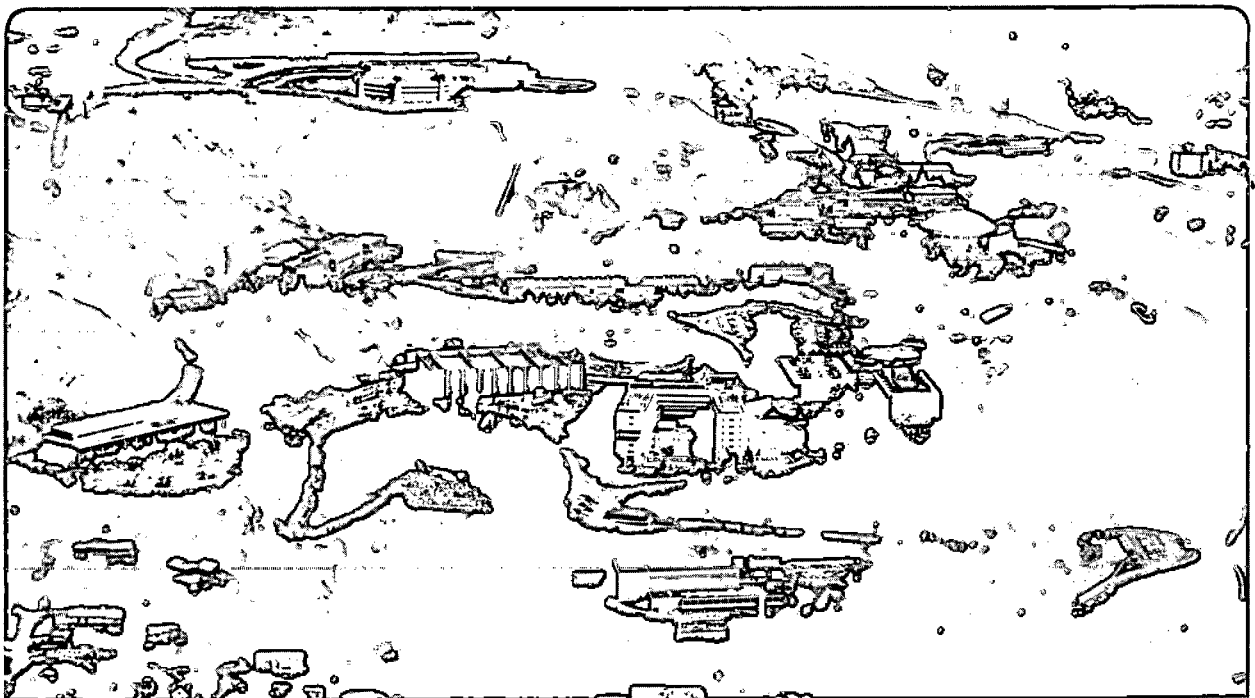
RECEIVED  
LAWRENCE  
BERKELEY LABORATORY

OCT 8 1980

LIBRARY AND  
DOCUMENTS SECTION

**For Reference**

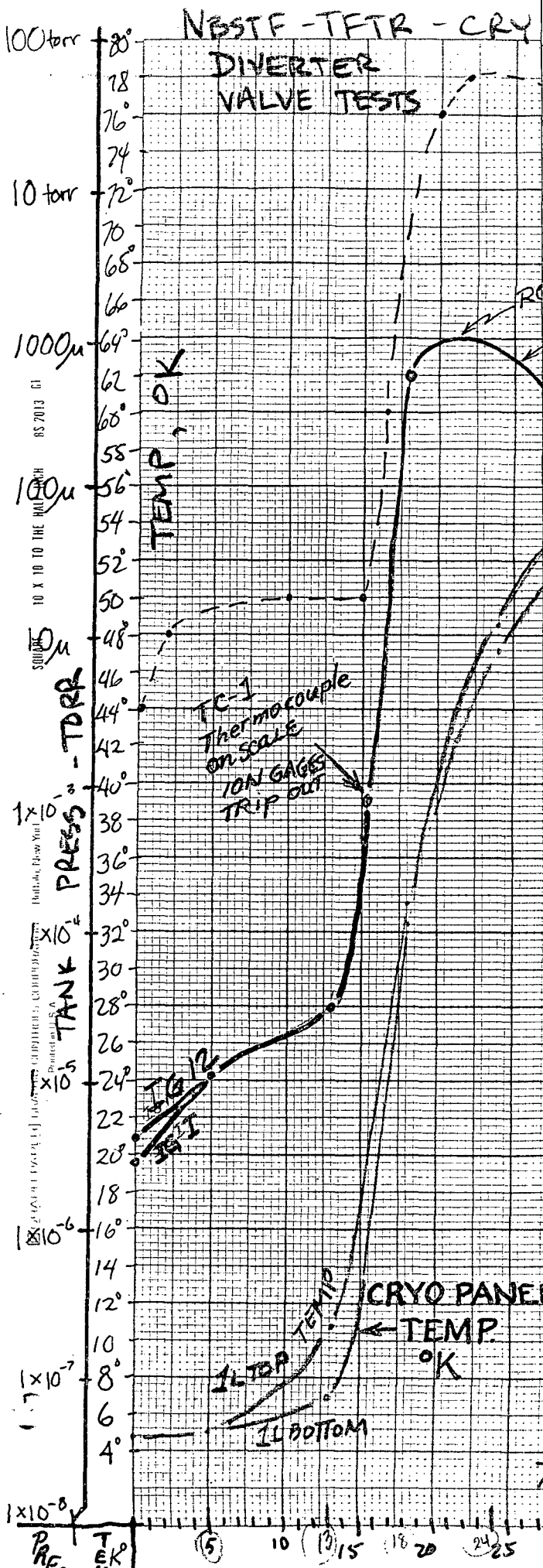
**Not to be taken from this room**



LBID-270  
c.1

## **DISCLAIMER**

This document was prepared as an account of work sponsored by the United States Government. While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor the Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by its trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or the Regents of the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof or the Regents of the University of California.



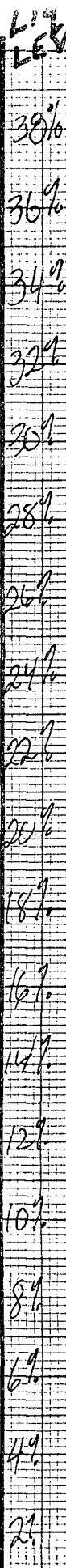
E. BYRNS OF 2

LEV. 40%

He dewar CAPACITY 750 liters

ENG NOTE M5569

750 LITER LHE DEWAR LIQUID LEVEL %



G. NEWELL / R. BYRNS  
HYDROGEN 8/27

**TFTR CRYOSYSTEM DIVERTER VALVE TEST**

**8/27/80**

3000 TORR/LITERS H<sub>2</sub> DEPOSITED ON PANELS PRIOR TO TEST.

D

11

11000  
MMHg  
Temp  
°K

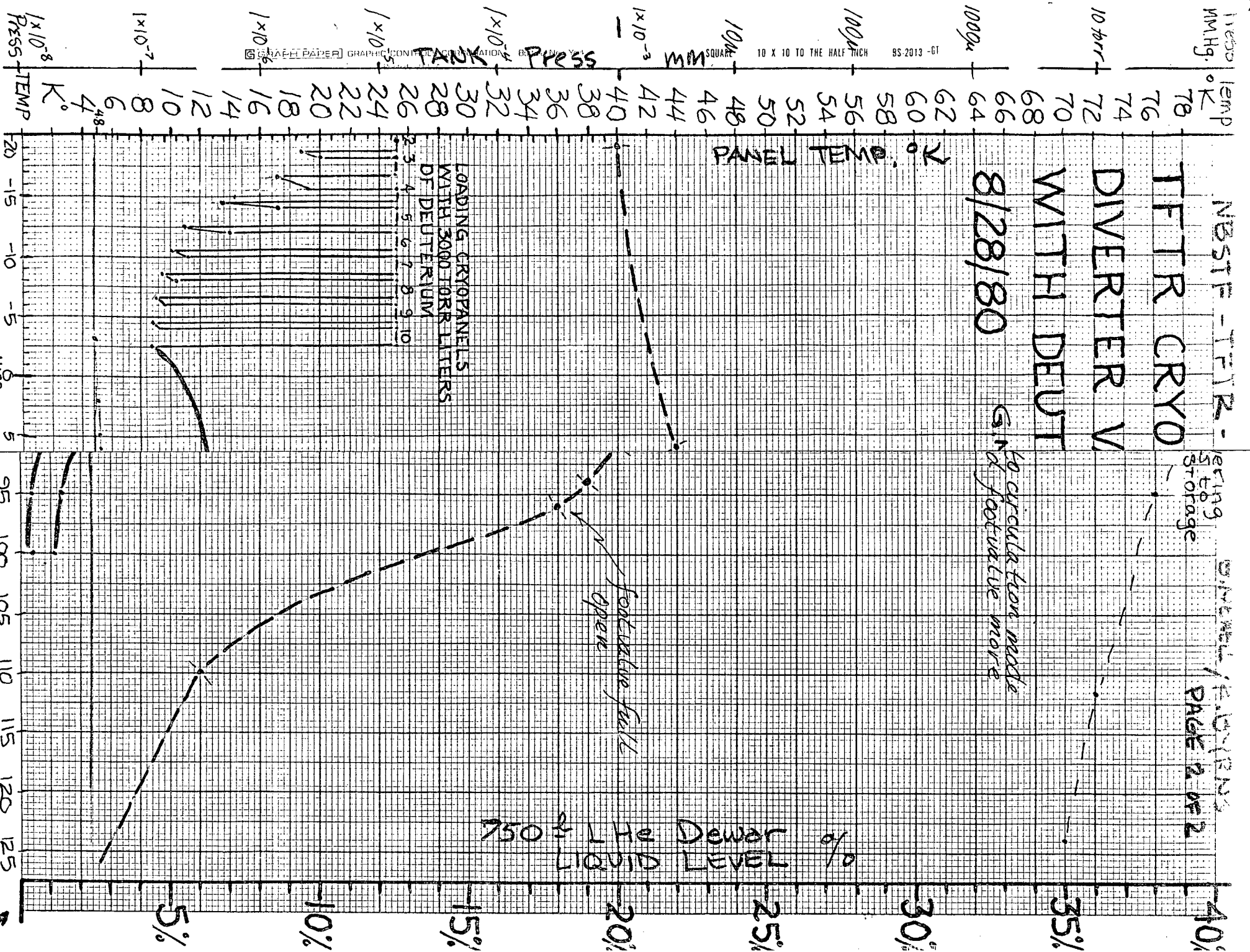
NBSTF - TFR -  
TFR CRYO  
DIVERTER V  
WITH DEUT

Spring  
Storage  
Sintered  
PAGE 2 OF 2

8/28/80  
to circulation made  
G.M.A. foot valve move

PANEL TEMP. °K

750<sup>±</sup> LHe Dewar  
LIQUID LEVEL %



GRAPH PAPER GRAPHIC CONTROLS CORPORATION  
TANK Press

1x10<sup>-8</sup>  
Press  
TEMP  
K  
4  
6  
8  
10  
12  
14  
16  
18  
20  
22  
24  
26  
28  
30  
32  
34  
36  
38  
40  
42  
44  
46  
48  
50  
52  
54  
56  
58  
60  
62  
64  
66  
68  
70  
72  
74  
76  
78

TIME IN MIN

100% = 750 liters  
LIQUID

This report was done with support from the Department of Energy. Any conclusions or opinions expressed in this report represent solely those of the author(s) and not necessarily those of The Regents of the University of California, the Lawrence Berkeley Laboratory or the Department of Energy.

Reference to a company or product name does not imply approval or recommendation of the product by the University of California or the U.S. Department of Energy to the exclusion of others that may be suitable.

TECHNICAL INFORMATION DEPARTMENT  
LAWRENCE BERKELEY LABORATORY  
UNIVERSITY OF CALIFORNIA  
BERKELEY, CALIFORNIA 94720