

~~CONFIDENTIAL~~

DRAFT

(3)

EXECUTIVE SUMMARY
FOR THE
IAEA SAFEGUARDS IMPLEMENTATION
REPORT FOR 1981

1. Introduction

(U) The IAEA Safeguards Implementation Report (SIR) for 1981, GOV/2082 of May 10, 1982 provides an analysis by the IAEA of safeguards implementation. It includes the progress made during 1981, the problems encountered and the steps which should be taken by the IAEA, by governments and by facility operators to continue improving the effectiveness and efficiency of IAEA safeguards.

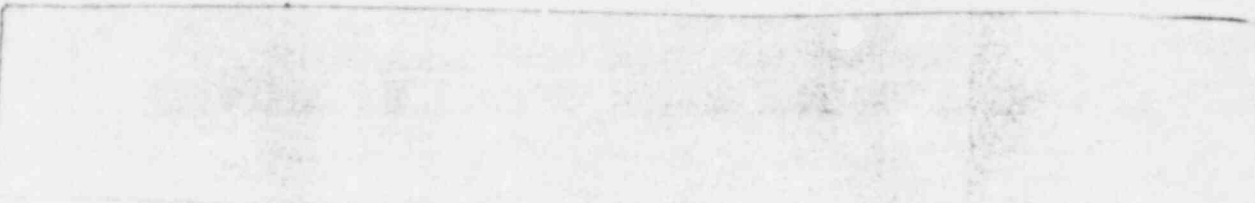
(U) This paper, prepared by safeguards staff of the Nuclear Regulatory Commission, the Department of State and the Arms Control and Disarmament Agency, summarizes the judgments and findings of the IAEA as reported in the SIR. Although the summary reflects certain judgments on the relative importance of material in the SIR, it does not represent an analysis of the SIR. In addition, the terminology of the SIR is used; the terminology sometimes has special meanings that are more limited than the conventional use of the terms. Some attempt has been made to provide the appropriate clarifications, but this is not always possible.


2. Overall IAEA Conclusion

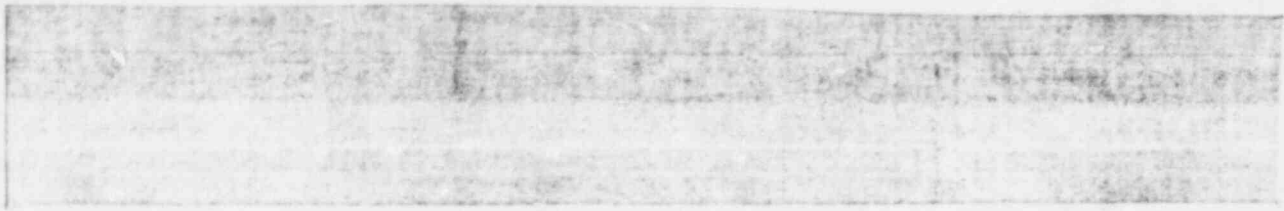
With the exception of the two cases identified below, the IAEA concluded for 1981 that "the nuclear material under IAEA safeguards remained in peaceful nuclear activities or was otherwise adequately accounted for." This overall conclusion was based on the finding that the IAEA did not detect any anomaly which would indicate the diversion of a significant amount of safeguarded nuclear material, or the misuse of facilities or equipment subject to safeguards under certain agreements.

8211190010 821019
PDR FOIA
GREENBERG-334 PDR

Although about 230, mostly minor, discrepancies or anomalies were found, all cases were satisfactorily explained upon subsequent appraisal or investigation.

(C)  |

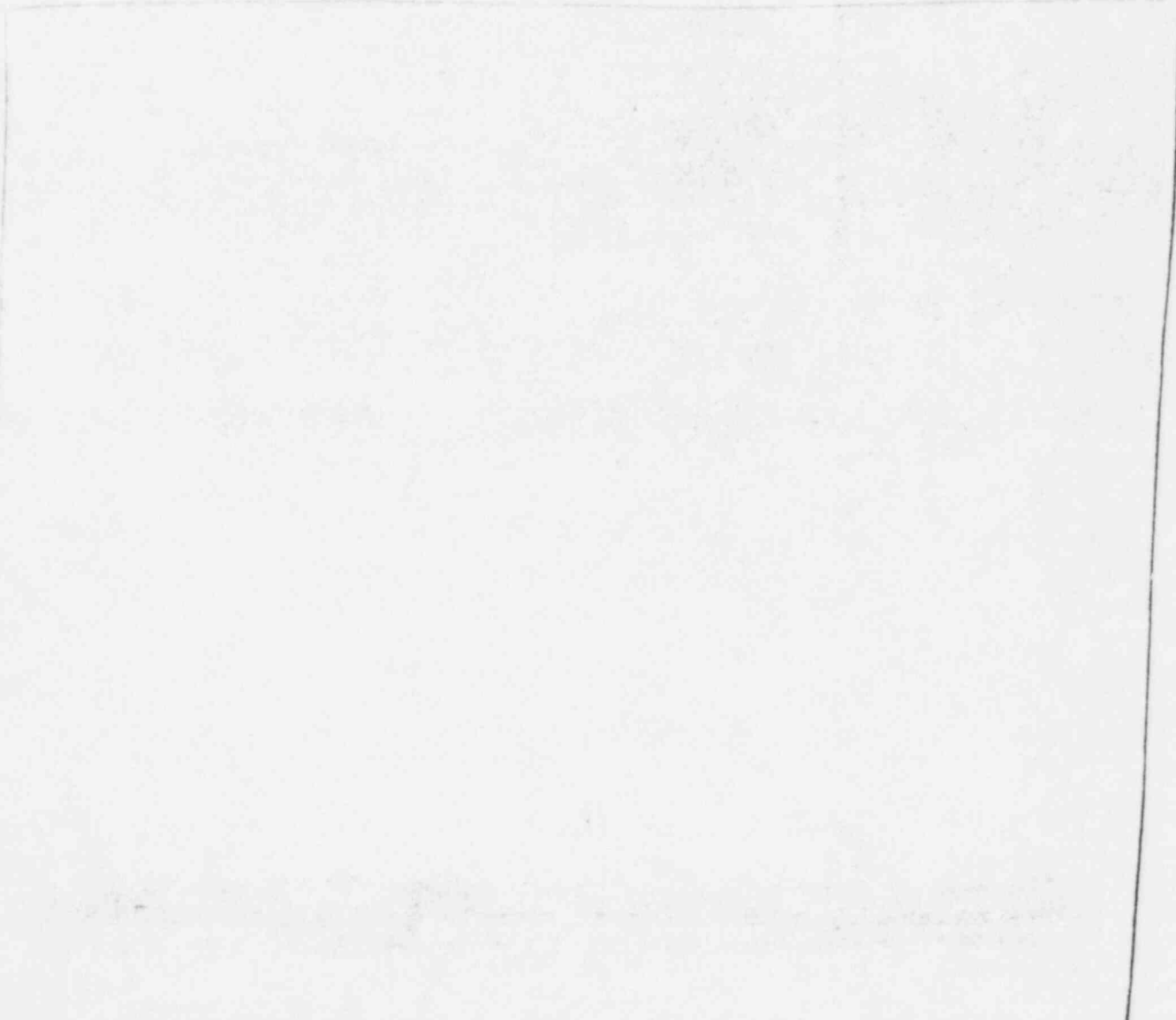
(C)  ✓



(c)



(c)



UNCLASSIFIED

TABLE I

Nuclear installations under safeguards or containing safeguarded material at the end of 1981

Installation Type	Number of installations			
	NNW States		NW States	
	NPT	Non-NPT		Total
Power reactors	106	24	3	133
Research reactors and critical assemblies	149	27	0	176
Conversion plants	3	1	0	4
Fuel fabrication plants	31	7	1	39
Reprocessing plants	4	2	1	7
Enrichment plants	4	0	0	4
Separate storage facilities	18	2	4	24
Other facilities	40	0	0	40
Small R and D and Storage locations	402	20	0	422
Totals	757	83	9	849

UNCLASSIFIED

~~CONFIDENTIAL~~

-5-



1

~~CONFIDENTIAL~~

CONFIDENTIAL

6

~~CONFIDENTIAL~~

(c)

(c)

(c)

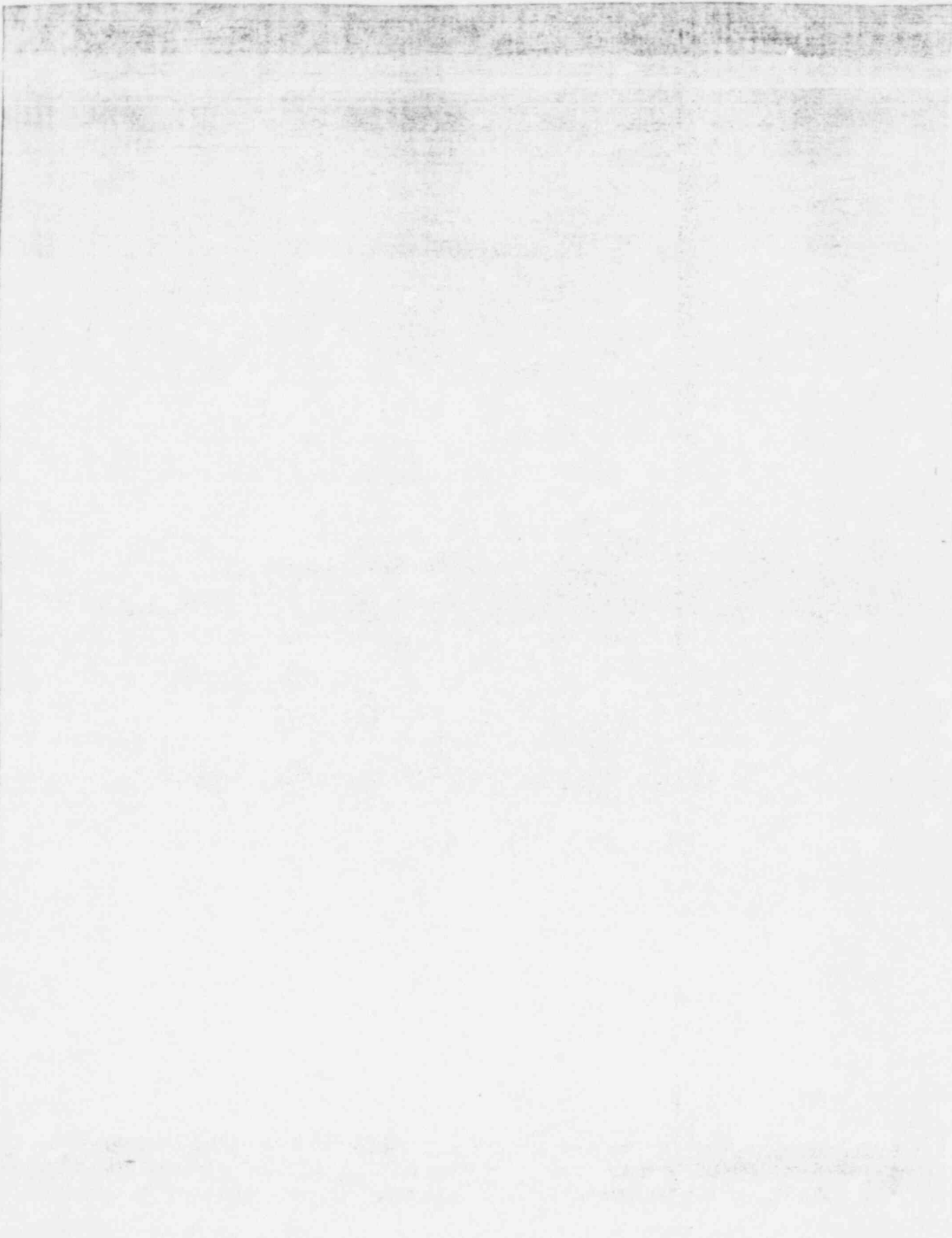
CONFIDENTIAL

-8-

(c)

(c)

CONFIDENTIAL



(c)

(c)

(c)

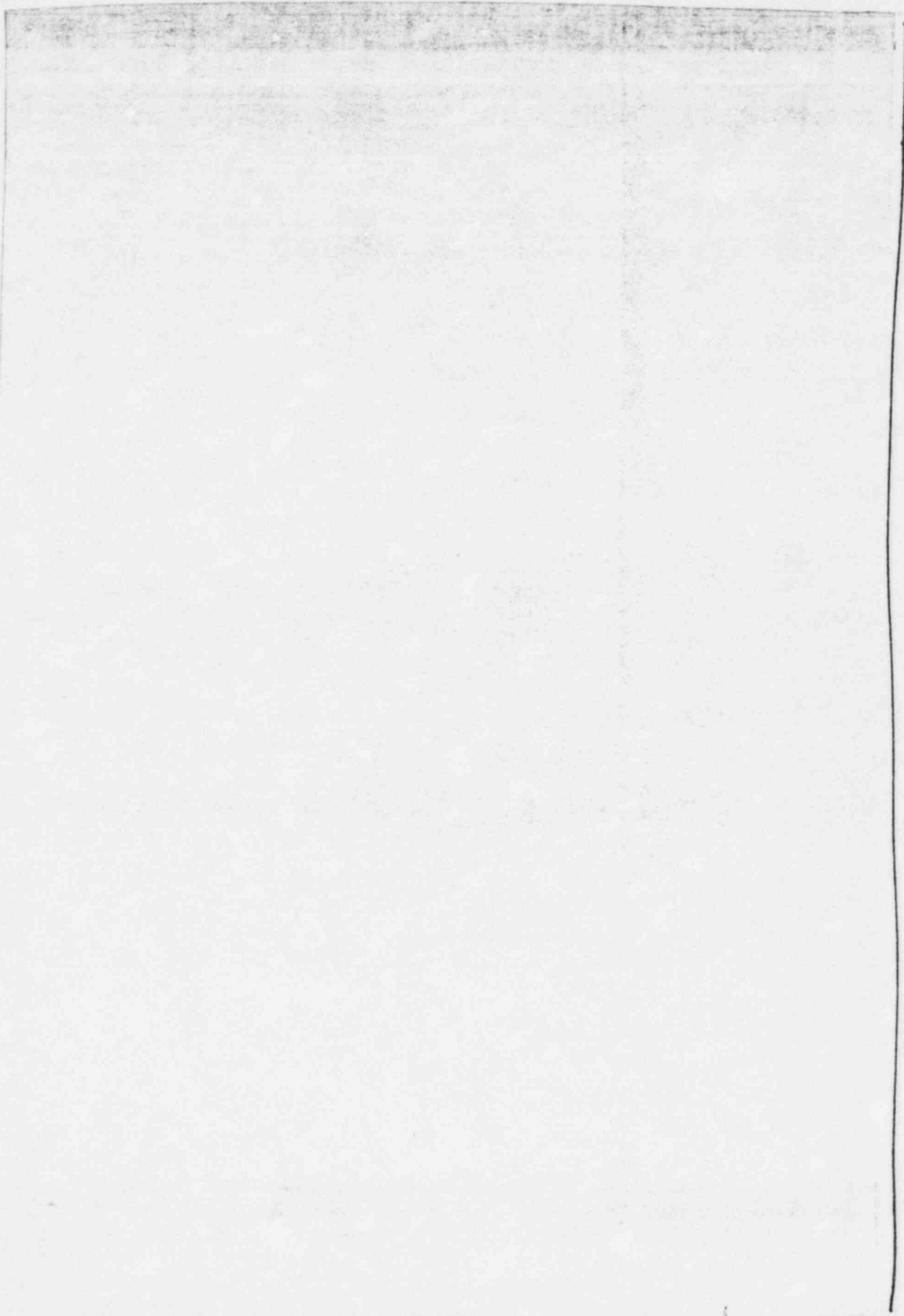
(c)

1

(c)

(c)

(c)



(C)

(C)

(C)

(C)

(C)

(C)

(C)



1

~~CONFIDENTIAL~~

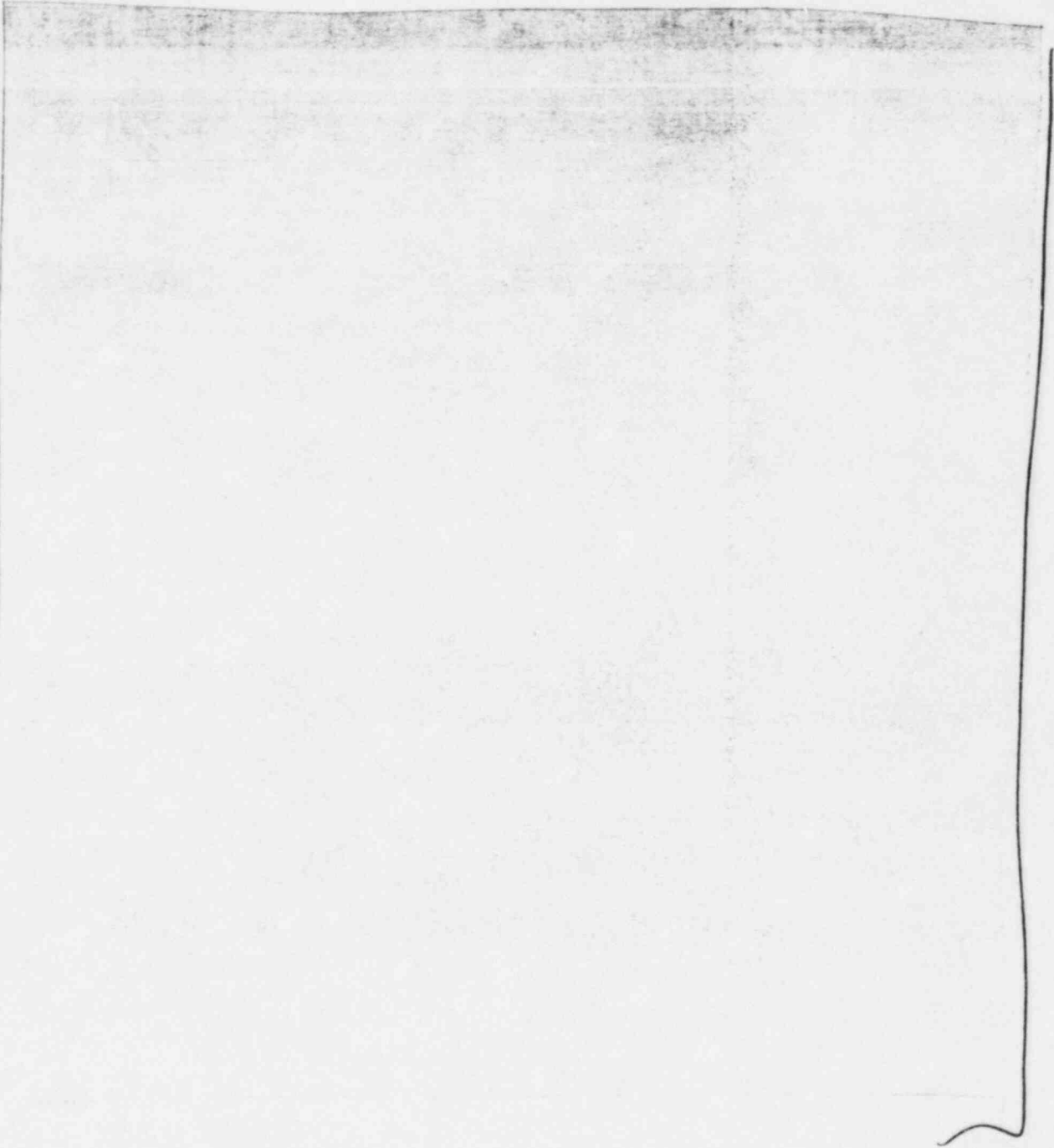
-14-

(C)



(C)

~~CONFIDENTIAL~~



(C)

(C)

(C)

(C)