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Dear Genet

Before leaving the Task Force, Perk said that any correspondence on the History should be sent to you. I an therefore returning to you under separate cover one copy of the History of Operation Castle. It has been downgraded to Secret, Restricted Data, by our classification section.

Although the contents of the draft are in general satisfactory, I must confess, with due spologies to the author or authors, that the style seems needlessly wordy and aniward. Many sentences are obscure and involved. By careful editing the draft could be greatly improved in clarity and readability; and I recommend that this be done.

The following comments apply to the sections, chapters, and pages indicated.

In the "ABEREVIATIONS" Section I recommend that kt be used for kilo ton and Ht for megaton. These abbreviations should be shanged accordingly throughout the book.

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or Unauthorized di nosure subject te uministrative and criminal Sanctions.

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CHAPTER I

Page 1, line 11 Change "Los Alamos" to "the Los Alamos Scientific Laboratory".

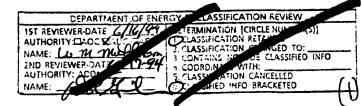
Page 2, line 6 Delete "as well as noting" and substitute "and noted" from bottom

Page 2, last line Delete "to be".

Page 5, line 4 Delete "combining with" and substitute "for". from bottom

Page 7, line 6 from bottom

After "and" add "of the High Commissioner af".







Page 9, Mine 4

Change #5,000" to #4,500".

Change Stheir" to Site".

Page 9, line 10 from bottom

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- Page 11, last Delete "as confirmed during the course of the operation". Sentence After "redistion" insert "fall-out". Delete all after "which" and substitute "it was hoped would prove much less when the detonation occurred on a floating barge rether than on land".
- GIAPTER II
- Page 7, Item 2 Change "will" to "would".
- Page 8, last Par As a result of Typhoon Hester, Holmes & Marver devoted 7,120 man-hours and \$20,764 to clean-up and miscellaneous repair. On Entwetck Island alone, Holmes & Marver rehabilitated the cargo pier, pump house, roads and sea wall, and re-located some water lines at a cost of \$399,661 and 29,000 man-hours. This was in addition to work done on other islands. Details are probably available in reports held by the Task Force or could be obtained from SFOC. Some mention of this work should be made in this part of Chapter II.
- Page 9 At beginning of 2nd paragraph, change "simultaneous" to "simultaneously".
- Pages 11 and 12 These pages are poorly phrased and I recommend that they be rewritten.
- Page 12, line 2 Change "gimultaneous" to "simultaneously".
- Page 12, line 5 After "Force" add "and Task Group".
- Page 12, line 8 After "evailable" add ", while preserving enough floxibility and reserve capability to cope with inevitable additions, changes, and operational and logistic difficulties."
- Page 13, line 17 After "Force" add "and Task Groups".

Page 14, line 6 Change "feasible" to "desirable".

Page 15, line 10 Change "are" to "is".

- 2 -





Page 15, 11me 11	Change "influence" to "influences" and "require" to "requires".
Page 16, line 6 from bottom	Change "as well as arranging" to "and "brunge".
Page 18, line 4 from bottom	After "can" add "the handling of".
Page 18, line 2	Delete "always" and change "the highest" to "high".
Page 28, line 8 from bottom	Change "were" to "was" and after "ways" add "in which".
Page 29, sentence beginning line 5	Change this sentence to read: "The only solution to this well-known and recurrent problem involves the initiation of elegrance action as far in advance of actual reporting as possible and the most expeditious handling of clearance papers by all agencies concerned."

CHAPTER III

Page	2,	line	74	Delete "two shots" and substitute "the design, fabrica- tion and assembly of two devices".
Page	2,	line	15	Delete "the two" and substitute "these shots".
Page froz		line ttom	8	Substitute "In Ivy" for "Previously".
Page	4,	line	12	After "shot" add "capability". Delete "and approved".
Page	4,	line	15	Insert before "deep" "surface shot over" and in the next line eliminate the word "shot".
Page	5			Recommend that the "Estimated lield" column be amplified to show the presumed range of yields.
Page	6,	line	13	Delete "at LASL" and substitute "jointly by LASL and AFSWC".
Page	6,	line	14	After "feet" add "for some samplers".
				These criteria are better expressed on page 10 of the Final Report of the Commandam Aim Task Ommun 7 h

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After "F-Shills" and "plus two feathernet the Page 7, 1ine 10 B-36 samplars and one KB-36 control signaft". from bottom S. 7.25 Delete "of the". After "projects" add the Page 9, 11ne 10 addition of Project J.L. Meutralisation of # from bottom Flanted Sea Mine Field', Project 6.1 'Test of Interim IEDA Procedures for High Tield Wespons !, and Program & 'Biomedical Studies'." Deleta "in". Page 9, line 9 from bottom Page 9 Delete the last centence and substitute the following: "This was in order to reduce con-

following: "This was in order to reduce contamination, to make better use of the limited amount of real estate available, and to speed up the tests by scheduling assembly operations at a proposed barge alip at Eniwetok, and moving each barge into position about five days before detonation. This made it pessible to plan on using the same sero point, if necessary or desirable, regardless of the high radiation levels to be expected on the islands in the vicinity of the preceding shot. It also permitted late changes in the location of the sero point if operational developments warpanted them."

Page 10, line 3 Substitute "dependable" for "safe".

Page 10, line 2 After "devices" add "which could not be readied from bottom for the CURTISS departure".

Page 11, line 10 Belete sentence beginning on line 10 and substitute the following: "The Aircraft Positioning meeting and Exercise TIDERCAT are discussed elsewhere."

> Commander Task Group 7.1 was responsible for recommending safe positions for aircraft and, subject to safety limitations, for recommending positions that would insure that DOD Project 6.2 obtain the required data.

> > - 4 -



- Page 13, Par 14 This paragraph mentions the sequirement for the capability to complete operations from abcompleting if Dikini Atoll were contaminated but it is believed that more emphasis should be placed on planning for this capability either in Chapter II of the functor III (under the "Scientific Task Group" Spetion).
- Page 17, lines 13 See previous remarks on the subject of Typhoon and 14 Hester.
- Page 24, line 15 After "and" add "together with the other fall-out projects".
- Page 26, line 7 Substitute "partially" for "soon".
- Page 26, line 6 Add the following: "Additional information on communication difficulties aboard the ESTES is contained in APPENDIX C."
- Page 29, 1st Par Becommend that the BAIRONO off-loading dates be added.
- Page 36, Par L After "recovery" add"and general legistic support".
- Page 37, Par 2 The sentence beginning "Communications and electronics
- Pages 13-15 The activities of Task Group 7.5 do not seem to be too well covered. Jim Reeves might like a chance to comment.
- CHAPTER IV

from bottom

- Page 1, Par 2 The problems of technical preparation for the shots and 3 (including simultaneous preparations for two locations in the latter part of the operation) and of Radiological-Safety operations from afloat should at least be montioned in these paragraphs.
- Page 2, line 10 The sentence beginning on line 10 says "the actual physical accomplishment was greatly enlarged". Is this the desired meaning?

Page 2, line 3 Change "personnel" to "personnel's".

Page 8 At the end of the first paragraph after "Bikini" add "and to the agility of the passengers".

-5-4

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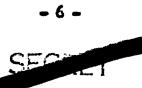
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Page 21, 2ine 5 From bobben	Delete the last three words and substitute "high Speed commen firing circuit interlock"	6 11 11
Page 12, 1st sentence	After "des" insert "to",	-
Page 13, 11me 16	Before "Bikini" add "and from".	
Page 13, line 10 from bottom	Delete "0000 H" and substitute "0707 H when the Firing Party reported sky shine and repidly rising radiation readings outside the Control Building and subsequently within the building after 15 had been eloced up".	
	Delete "this time" and substitute "about 080021".	
Page 14, line 6	After "devised" add ", which included early recovery of the Firing Party by helicopter".	
Page 17, line h from bottom	Substitute "fall" for "feel".	
Page 20, line 1	Substitute "fall-out" for "blast".	
Page 22, line 4 from bottom	After "base." add "Boating was slow, wat, rough, and unconfortable and getting into and out of boats was dangerous, (articularly where astisfactory accommodation ladders and physical assistance in embarking and debark- ing ware not available."	
Page 24, lins 11 from bottom	Substitute "Fall-out data" for "Knowledge".	
Page 2k, line 10 from bottom	Delete "more than apparent following the time" and substitute "available as a result",	
Page 25, line 9 from bottom	Eliminate "not entirely",	
Page 25, line 8 from bottom		DOE
Page 26	In the table, the Estimated Yields should be revised to agree with the Weighted Average Yields in Table 2.1, Report of the Commander, Task Group 7.1.	
Page 27, line L	Delete "unprodictable yields" and substitute "wide range in the predicted yields incident to novel experimental devices".	



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Page 27, line 6 from bothem

After "of" incert "the emistence of a primetern on Brinnen Island at zero time and to compatient booms of".

Eliminate the contence starting on this line.

Page 21, Par 1

Project 4.1 was added 070 7.1 recommended to CJTF SEVEN on 29 December 1953 that Project 6.1 be added to the program. No record of SJTF SEVEN action is svailable here but this recommendation was probably approved within a short period of time. CJTF SEVEN approved the addition of Project 3.4 on 3 February 1954.

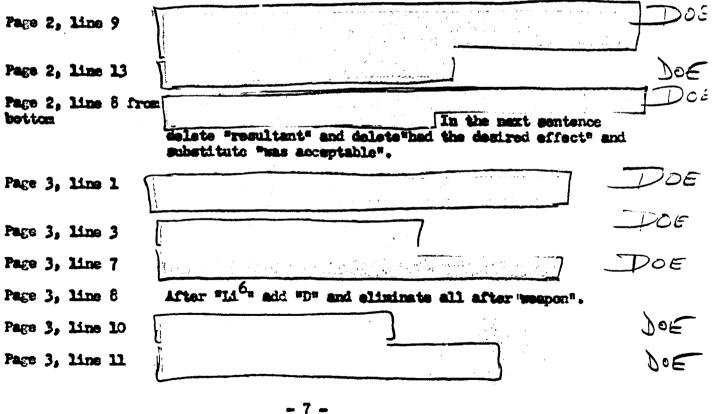
CEAPTER V

Page 1, line 10 Delste all after "in the" and substitute "Weapons Test Reports of the Atomic Energy Coumission".

Page 1, line 2 Delete "potential" and substitute "potentially".

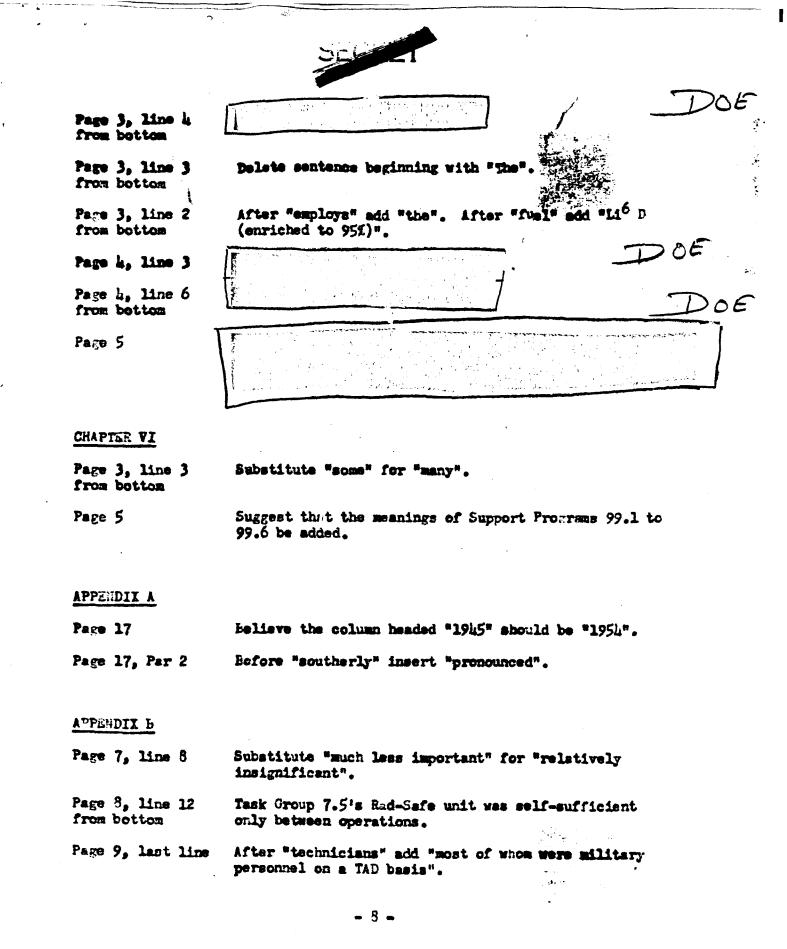
from bottom Page 2. Line 7

Sabstitute "Two" for "The".



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Page 10, line 10 Delete "legal". from bottom

Page 16, line 10 Sentence beginning with "The" is not convect

7.1 redeafs personnel were at both stalls while it was decided to be ready to fire at either location. That decision had little effect on distribution of redsafe personnel.

APPENDIX C

Page 13, line 3 Delete "problems were few" and substitute "difficulties from bottom were successfully evercome".

Page 13, last line Substitute "delay" for "hemper",

No mention is made of the EG&G voice circuit between atolls which was used extensively by JTF SEVEN and other Task Groups as well as Task Group 7.1.

APPENDIX D

Page 5

Change the following items in the column headed "Task Group 7.1":

Iten	2	*5 5*	to	*47*
Item	3	#12#	to	=20#
Item	<u>k</u>	*]*	to	#G#
Item	10	*20"	10	BOs
Item		*3*	to	#2#

Some of these discrepancies are probably caused by a mistake in the draft tabulation whereby vehicles actually allotted to Task Group 7.5 (for whom there is no column) were charged to Task Group 7.1; for example, it is believed that Task Group 7.5 had 20 Army-ouned DUKW's (Item 10); Task Group 7.1 had none.

With best wishes, I am,

Sincerely. Original alanda by ALVIN C. GRAVES ALVIN C. GRAVES DC/py/rnp DISTRIBUTION: Copy 122 - McGinley in Rec. 137773 3507 3 - Graves - MAR LASL File & Reading File