UNCLASSIFIED

QUESTIONNAIRE FORM M.D. -H-1

C O V E R S H E E T

TO: J. R. OPPENHEIMER

NOTE: This Form has been requested by the Manhattan District for purposes of bibliography and possible future publicity. Please regard this questionnaire as [redacted], and answer all questions fully and in detail. Under Item No. 20 use actual names of processes, materials, etc. Do not use code symbols.

PLEASE RETURN TO _____ BY _____

FINAL DETERMINATION
UNCLASSIFIED
L. M. Redman
FEB 11, 1981

UNCLASSIFIED

VERIFIED UNCLASSIFIED
PUBLICLY RELEASABLE
LANL Classification Group
Daniel J. Gerth

2251 0814

MANHATTAN DISTRICT

SCIENTIFIC RESEARCH & DEVELOPMENT PERSONNEL

(Please PRINT or TYPE. Answer all questions fully. If "None", so indicate. If space is insufficient attach additional sheets as necessary.)

1. NAME: Oppenheimer (Last) J. (First) Robert (Middle Initial)

2. PRESENT ADDRESS: P. O. Box 1663 (No. and Street) Santa Fe (City) New Mexico (State)

3. PLACE WHICH YOU REGARD AS YOUR "HOME TOWN": Berkeley (City) California (State)

4. PLACE OF BIRTH: New York, New York (City, State or Country) 5. DATE OF BIRTH: April 22 1904 (Month Day Year)

6. FAMILY: List the following members of your family, even though deceased:

	NAME	HOME ADDRESS (City & State)	OCCUPATION
FATHER	Julius Oppenheimer	Deceased	
MOTHER	Ella Freedman	Deceased	
SPOUSE	Katherine Oppenheimer	P. O. Box 1663, Santa Fe, N.M.	
BROTHERS (B) (B)	Frank Oppenheimer	P. O. Box 1663, Santa Fe, N.M.	Physicist
SISTERS (S) (C)	Peter Oppenheimer	P. O. Box 1663, Santa Fe, N.M.	
CHILDREN (C) (C)	Katherine Oppenheimer	P.O. Box 1663, Santa Fe, N.M.	
(Designate after each name B, S, or C)			

7. MILITARY SERVICE: List your military service and that of members of your family listed above:

NAME	BRANCH OF SERVICE	RANK	YEARS FROM	YEARS TO
	NONE			

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8. ELEMENTARY AND HIGH SCHOOL EDUCATION:

NAME OF SCHOOL	LOCATION (CITY & STATE)	YEARS FROM	YEARS TO
Ethical Culture School	New York, N.Y.		

9. UNDERGRADUATE EDUCATION:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	MAJOR FIELD	DEGREE	YEARS FR	YEARS TO
Harvard University	Cambridge, Mass.	Chemistry	BA	1921	1925

10. GRADUATE EDUCATION:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	MAJOR FIELD	DEGREE	YEARS FR	YEARS TO
Cambridge Univ.	England	Physics		'25	'26
Gottinger Univ.	Germany	Physics	Ph.D.	'26	'27

11. FELLOWSHIPS, SCHOLARSHIPS, INTERNSHIPS, TEACHING ASSISTANTSHIPS, HOSPITAL RESIDENCIES: (See No. 17)

FIRM OR INSTITUTION	LOCATION (CITY & STATE)	TITLE	YEARS FR	YEARS TO
Harvard University	Cambridge, Mass.	Nat'l Research Fellow	1927	1928
Calif.Inst. of Tech.	Pasadena, Calif.	"	"	"
Univ. of Leyden	Leyden, ~~Germany~~ Holland Zurich, Switzerland	Internat'l Educ. Bd. of Fellowship	1928	1929

12. HONORARY DEGREES:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	DEGREE	YEAR

13. MEMBERSHIP IN HONORARY AND PROFESSIONAL SOCIETIES:

SOCIETY	CLASS OF MEMBERSHIP	YEARS FR	YEARS TO	OFFICE HELD & YEAR
Amer. Physical Soc.	Fellow			
Amer. Academy of Arts and Sciences	Fellow			
Nat'l Acad. of Sciences				
Amer. Philosophical Society				

14. LISTING IN "AMERICAN MEN OF SCIENCE", "WHO'S WHO" AND SIMILAR PUBLICATIONS:

PUBLICATION	EDITION OR YEAR
American Men of Science	
Who's Who	
Who's Who in the Western Hemisphere, etc.	

15. OFFICES HELD IN NATIONAL SOCIAL AND FRATERNAL ORGANIZATIONS:

ORGANIZATION	OFFICE	YEAR

16. PRINCIPAL HOBBIES:

17. FULL TIME TEACHING APPOINTMENTS WITH COLLEGES AND UNIVERSITIES:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	TITLE	YEARS FR	YEARS TO
Calif. Inst. of Tech.	Pasadena, Calif.	Ass't Prof. to	1929	--
		Prof.		
Univ. of California	Berkeley, Calif.	Ass't Prof. to	1929	--
		Prof.		

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18. LIST LAST THREE TECHNICAL OR RESEARCH POSITIONS PRIOR TO CONNECTION WITH THE MANHATTAN ENGINEER DISTRICT:

DESCRIPTION OF POSITION OR DUTIES	FIRM OR INSTITUTION	LOCATION	TITLE	YEARS FR	YEARS TO
Teaching and research	Calif. Inst. of Tech.	Pasadena, Cal	Ass't Prof to Prof.	1929	[illegible]
Teaching and research	Univ. of California	Berkeley, Cal	Ass't Prof to Prof.	1929	---
Research	OSRD - S-1 Project	Berkeley, Cal	Project Leader	1942	1943

19. PUBLICATIONS: List principal scientific contributions in the form of publications, inventions, and patents prior to connection with the Manhattan District.

Some 60 papers on the positron, cosmic ray showers, mesotron, theory of fields, quantum mechanics and nuclear physics.

20. TECHNICAL OR RESEARCH WORK FOR, ON, OR IN CONNECTION WITH THE PROJECT NOW UNDER THE SUPERVISION OF THE MANHATTAN DISTRICT: (Include work performed under auspices of NDRC, OSRD, etc., prior to establishment of Manhattan District)

FIRM OR INSTITUTION	LOCATION (CITY & STATE)	TITLE	DATES FR(MO&YR)	DATES TO(MO&YR)
OSRD - S-1 Project	Berkeley, Calif.	Project Leader	June, 1942	Mar., 1943
Univ. of California	Santa Fe, N.M.	Director	March, 1943	---

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20. (Continued)

DETAILED DESCRIPTION OF WORK PERFORMED (Do not use code symbols. Use actual names of materials, processes, etc.)

1941: Started thinking about fission bombs. Estimated efficiency; worked on assembly problems; consulted with the National Academy Committee.

June, 1942: Undertook direction of theoretical and experimental work on bombs for Metallurgical project.; studied problems of super bombs with Teller, Bethe, Serber, Van Vleck. Attempted to coordinate nuclear physics measurements at Minnesota, Wisconsin, Rice, Chicago and started projects at Univ. of California and Stanford Univ. Developed theory of pre-detonation and preliminary theory of radiation. Acted as consultant to Berkeley Radiation Laboratory project. Invented magnetic shims.

March, 1943: Was appointed Director of Project Y. Moved to Site Y and got to work.

DATE July 4, 1945

Signature J.R.O.

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