QUESTIONNAIRE FORM M.D.-H-1

UNCLASSIFIED

COVER SHEET

TO: R. E. Peierls

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 J R Oppenheimer BY 6/12/45

FINAL DETERMINATION
UNCLASSIFIED
L. M. Redman
FEB 11 81

FINAL DETERMINATION
UNCLASSIFIED
L. M. Redman
FEB 11 1981

CLASSIFICATION CANCELLED
PER DOD REVIEW JAN. 1973

UNCLASSIFIED

VERIFIED UNCLASSIFIED
PUBLICLY RELEASABLE
LANL Classification Group
Daniel J. Grant

FINAL DETERMINATION
UNCLASSIFIED
L. M. Redman
FEB 1 1 91

UNCLASSIFIED

This document consists of 4 Page(s)
No. 1 of 2 Copies, Series A

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: PEIERLS (Last) RUDOLF (First) E (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": BIRMINGHAM (City) ENGLAND (State)

4. PLACE OF BIRTH: BERLIN (City) GERMANY (State or Country) 5. DATE OF BIRTH: June (Month) 5 (Day) 1907 (Year)

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

	NAME	HOME ADDRESS (City & State)	OCCUPATION
FATHER	HEINRICH PEIERLS	~~UPPER~~ MONTCLAIR, N.J.	RETIRED
MOTHER	ELISABETH PEIERLS	DECEASED	
SPOUSE	EUGENIA PEIERLS	SANTA FE N.M.	
BROTHERS (B)	ALFRED H. PEIERLS B	BROMLEY, KENT, ENGLAND	ENGINEER
SISTERS (S)	ANNIE L. KREBS S	UPPER MONTCLAIR N.J.	HOUSEWIFE
CHILDREN (C)	GABY E. PEIERLS C	SANTA FE N.M.	
(Designate after each name B, S, or C)	RONALD F. PEIERLS 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
ALFRED H. PEIERLS	PIONEER CORPS BRITISH ARMY	PTE	1940	1941

8. ELEMENTARY AND HIGH SCHOOL EDUCATION:

NAME OF SCHOOL	LOCATION (CITY & STATE)	YEARS FROM	YEARS TO
GYMNASIUM	OBERSCHONEWEIDE, BERLIN GERMANY	1918	1925

UNCLASSIFIED

MD-H-1

2251 0680

9. UNDERGRADUATE EDUCATION:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	MAJOR FIELD	DEGREE	YEARS FR	YEARS TO
BERLIN UNIVERSITY	GERMANY	THEO. PHYSICS		1925	1926
MUNICH "	"	" "		1926	1928
LEIPZIG "	"	" "	PH.D.	1928	1927

10. GRADUATE EDUCATION:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	MAJOR FIELD	DEGREE	YEARS FR	YEARS TO
FEDERAL SCHOOL OF ENGINEERING	ZURICH SWITZERLAND	THEO. PHYSICS		1929	
MANCHESTER UNIVERSITY	MANCHESTER ENGLAND		D.SC.		

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

FIRM OR INSTITUTION	LOCATION (CITY & STATE)	TITLE	YEARS FR	YEARS TO
~~NONE~~ FOUNDATION				
ROCKEFELLER ~~FELLOWSHIP~~	(Work in ROME & CAMBRIDGE ENGLAND)	FELLOW	1932	1933

12. HONORARY DEGREES:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	DEGREE	YEAR
~~NONE~~			

13. MEMBERSHIP IN HONORARY AND PROFESSIONAL SOCIETIES:

SOCIETY	CLASS OF MEMBERSHIP	YEARS FR	YEARS TO	OFFICE HELD & YEAR
CAMBRIDGE PHIL. SOC.	FELLOW	1936	DATE	—
INSTITUTE OF PHYSICS	"	1943	"	—
LONDON PHYSICAL SOCIETY	"	1943	"	—
ROYAL SOCIETY	"	1945	"	—

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

PUBLICATION	EDITION OR YEAR
WHO'S WHO (British)	Since 1935

CLASSIFICATION CHANGED PER DOC. REVIEW JAN. 1973

UNCLASSIFIED

[redacted]

225106 1

[redacted] UNCLASSIFIED

15. OFFICES HELD IN NATIONAL SOCIAL AND FRATERNAL ORGANIZATIONS:

ORGANIZATION	OFFICE	YEAR
None		

16. PRINCIPAL HOBBIES:

17. FULL TIME TEACHING APPOINTMENTS WITH COLLEGES AND UNIVERSITIES:

COLLEGE OR UNIVERSITY	LOCATION (CITY & STATE)	TITLE	YEARS FR	YEARS TO
FED. SCHOOL OF ENGINEERING	ZURICH SWITZERLAND	ASSISTANT	1929	1932
MANCHESTER UNIVERSITY	MANCHESTER ENGLAND	RESEARCH FELLOW	1933	1935
MOND LABORATORY	CAMBRIDGE ENGLAND	ASSISTANT-IN-RESEARCH	1935	1937
BIRMINGHAM UNIVERSITY	BIRMINGHAM ENGLAND	PROFESSOR OF APPLIED MATHS	1937	date

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
WAR RESEARCH UNDER	BIRMINGHAM UNIVERSITY	ENGLAND		1940	1941
CONTRACT WITH MINISTRY OF AIRCRAFT PROD^N					
UNDER CONTRACT WITH DSIR	" "	"		1941	1943
RESEARCH IN COLLABORATION	BRITISH SUPPLY COUNCIL	NEW YORK		1943	1944
WITH MANHATTAN DISTRICT	in N. America	SANTA FE		1944	date

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

Publications in scientific journals on quantum theory, notably the theory of solids, and the theory of nuclei

UNCLASSIFIED

CLASSIFICATION CANCELLED PER DOE REVIEW JAN. 1973

[redacted]

2251 0682

~~SECRET~~ UNCLASSIFIED

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)	TO(MO&YR)
WORK ON THE CORRESPONDING	BRITISH PROJECT		APRIL 1940	NOV. 43
WORK IN COLLABORATION WITH KELLEX & SAM PROJECT Y	NEW YORK		DEC. 43	MAY 44
			JUNE 44	DATE

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

IN NEW YORK: WORK ON THE THEORY OF SEPARATION BY BARRIERS ON THE STABILITY AND CONTROL OF A DIFFUSION OF PLANT. SUPERVISION OF OTHER WORK REPORTED IN "MSN" SERIES OF REPORTS

IN LOS ALAMOS: IN CHARGE OF GROUP T-1 DEALING WITH THE HYDRO-DYNAMIC THEORY OF IMPLOSION. WORK ON THE PROCEDURE USED FOR THE ~~[illegible]~~ MECHANICAL SOLUTION OF SUCH PROBLEMS, ON THE NATURE AND PROPERTIES OF DETONATION WAVES, THE STABILITY OF SHOCK WAVES AND ALLIED PROBLEMS. DISCUSSION ~~OF [illegible]~~ AND EVALUATION OF EXPERIMENTAL STUDIES OF IMPLOSION, AND OF GADGET DESIGN

DATE June 12, 45

R. E. Peierls
Signature

CLASSIFICATION CANCELLED
PER DOC REVIEW JAN. 1973

~~[illegible]~~

UNCLASSIFIED

D-H-1

2251 0693