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CIVIL EFFECTS TEST GROUP

Director -- Robert L. Corsbie

404124

PROGRAM 21: CD EFFECTS STUDIES

Program Director - Harold L. Goodwin

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Project No.	Project Title	Project Officer	Organization
21.1	Home Shelters	J. B. Byrnes	AEC-FCDA
21.2	Typical Residences	H. K. Browning	FCDA
21.3	Air-Zero Locators	B. C. Taylor	FCDA

PROGRAM 22: FCDA RADEF AND RADIATION EFFECTS

Program Director - Vincent Lamoureux

22.1	Evaluation of Radef Survey Methods	V. B. Lamoureux	FCDA
22.2	Evaluation of CD Radef Instruments	J. C. Greene	FCDA
22.3	Evaluation of Radiological Hazards in CD	V. B. Lamoureux	FCDA
22.4	Drug Irradiation Studies	V. B. Lamoureux	FCDA-FDA

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW
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PROGRAM 23: BIO-MED EXPERIMENTS

Program Director - Eugene P. Cronkite

23.1	Determination of Biological Effectiveness of Ionizing Radiation Within Shelter	V. P. Bond	(NMRI) AEC-(NRDL)
23.2	Bacteriological Studies on Dogs Exposed to Primarily Neutron Irradiation	M. S. Silverman	" "

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[Signature]

Program 23 - Bio-Med Experiments (Continued)

Project No.	Project Title	Project Officer	Organization
23.3	Long-term Studies on Animals Exposed Primarily to Neutron Irradiation	R. W. Brauer	(NMRI AEC-(NRDL)
23.4	Effects of Neutron Irradiation on Longevity and Production of Sex-linked and Autosomal Lethal Mutations in <u>Drosophilidae</u>	H. H. Plough	AEC-A
23.5	Effects of Neutrons on Spores of Smuts and Rusts	H. H. Plough	AEC-N
23.6	Somatic Mutations in <u>Drosophila</u>	H. H. Plough	AEC-ORNL
23.7	Drosophila Chromosome Breaks	H. H. Plough	AEC-CT
23.8	Drosophila LD and First Generation Lethals	H. H. Plough	AEC-IS
23.9	Dosage/Mutation Curve and Color Mutations in Wasp <u>Mormoniella</u> Males	H. H. Plough	AEC-P
23.10	Effects of Neutrons on Chromosome Breaks in <u>Tradescantia</u>	H. H. Plough	AEC-ORNL
23.11	Chromosome Breaks and Mutations in <u>Datura</u>	H. H. Plough	AEC-S
23.12	Reverse Mutations In Neurospora	H. H. Plough	AEC-ORNL
23.13	Dominant Lethals and Sterility in Mice	H. H. Plough	AEC-ORNL
23.14	LD and First Generation Lethals on Mice of Two Stocks Exposed to Same Dose	H. H. Plough	AEC-IS
23.15	Effects of Overpressures, Displacement and Missiles on Animals	J. E. Roberts	AEC-LC
23.16	Chromosome Breaks in Maize Seed	H. H. Plough	AEC-ORNL
23.17	Dosimetry for Biological Experiments to be Conducted in Conjunction with AEC Shelter Testing	E. Tochlin	(NRDL AEC-(NMRI)

PROGRAM 24: AEC SHELTER STRUCTURES

Program Director - Robert L. Corsbie

Project No.	Project Title	Project Officer	Organization
24.1	AEC Shelter Evaluation	R. L. Corsbie	AEC-BM
24.2	Physical Measurements of Gamma and Neutron Radiation in Shelters, Including Instrumentation Evaluation	L. J. Deal	AEC-BM
24.3	Physical Measurements of Static and Dynamic Overpressures and Thermal Radiation in Shelters	A. R. Soffel	AEC-VITRO

PROGRAM 25: DELETED

PROGRAM 26: CIVILIAN VEHICLE TESTS

Program Director - H. L. Goodwin

26.1	Bio-Med Evaluation of Vehicles as Shelters	F. J. Perella	AEC-FCDA
26.2	Physical and Mechanical Evaluation of Vehicles Exposed to Atomic Attack	H. K. Gayer	AEC-FCDA

PROGRAM 27: FALL-OUT STUDIES IN NEAR AREAS

Program Director - Kermit H. Larson

27.1	Physical Evaluation of Fall-Out Materials		(UCLA AEC-(AEP)
27.2	Biological Effects on Native Animals of Inhalation and Ingestion of Fall-out Materials and Evaluation of Soil Contamination		(UCLA AEC-(AEP)

PROGRAM 28: RADIATION TELEMETERING SYSTEM

Program Director - R. W. Johnston

<u>Project No.</u>	<u>Project Title</u>	<u>Project Officer</u>	<u>Organization</u>
28.1	Radiation Monitoring System Using a Radio Telemetering Link for Transmission of Data	R. W. Johnston	AEC-BM

PROGRAM 29: DOSIMETRY AND RADIATION MEASUREMENTS

Program Director - R. L. Butenhoff

29.1	Comparison and Evaluation of Dosimetry Methods Applicable to Gamma Radiation	G. Taplin	AEC-UCLA
29.2	Study and Measure Fast Neutrons in Field Test by Means of the Permanent Electrical Resistance Changes Produced by Them in Semi-Conductors	B. Cassen	AEC-UCLA
29.3	Coordination and Evaluation of Dosimetry Within Civil Effects Programs	R. L. Butenhoff	AEC-BM
29.4	Measurement of Effective Energy and Spectral Distribution of Residual Radiation	A. H. Dahl	AEC-R