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ADVANCED RESEARCH PROJECTS AGENCY

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5 - DEC 1977

Per Director DARPA/TIO

15 October 1965

MEMORANDUM FOR THE DIRECTOR, ADVANCED RESEARCH PROJECTS AGENCY

SUBJECT: Justification Memorandum for Project PANDORA

The purpose of this memorandum is to explain some of the background requirements and justification for the ARPA Program Plan 562 relating to Project PANDORA.

Background. For several years it has been noted that the American Embassy in Moscow has been radiated with low level electromagnetic signals on a more or less continuous basis. These emitting signals, in the "S" and "L" band spectrum, have been of complex modulation with seemingly random variations.

The White House has directed through USIB that intensive investigative research be conducted within the State Department, CIA and DOD to attempt to determine what the actual threat is and stop it. The National program has been coordinated by the State Department under code name project "TUMS." ARPA is represented and has been requested to initiate a selective portion of the overall program concerned with one of the potential threats, that of radiation effects on man.

Discussion. A program has been outlined to irradiate a group of primates under carefully controlled conditions simulating the dosages and complex modulation of the threat. This effort is known as Project PANDORA. The trained primates will be carefully observed under varying and controlled irradiated conditions in an attempt to determine if any changes in their behavior or physiological condition can be detected. This effort will be carried out on behalf of ARPA by the following organizations.

1. The Air Force will select, procure, and monitor the electromagnetic generating equipment and control the environment thus produced. An initial study of equipment was made under ARPA Order #757. They will integrate above resources into a system and provide an aerospace medical doctor to assist the other medical team members in the test program.
2. The Applied Physics Laboratory will provide scientific consulting services and technical assistance in the design and fabrication of the laboratory, its electromagnetic environment and test facilities pertaining thereto.

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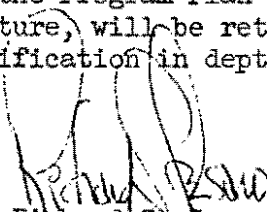
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3. The Walter Reed Army Institute of Research will provide laboratory quarters, primates, biological monitoring and data reduction capabilities.

4. In addition, Mr. Mark Groves, of the Wright Patterson Avionics Laboratory will act as ARPA monitor and coordinator for this project. Additionally, other consultants which will be utilized include Drs. Nat Baldwin, NIH; Ross Adey, UCLA; Milton Zaret, Zaret Foundation; J. Johnson, CIA; and H. Pollack, IDA.

Recommended Action. It is recommended that ARPA initiate the required ARPA Orders as covered in the Program Plan attached. This memorandum, being of a sensitive nature, will be retained in the Office of Advanced Sensors and act as justification in depth for above referenced future Program Plan and ARPA Order.


Richard S. Gesaro
Acting Director
Advanced Sensors

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