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23 June 1967

MEMORANDUM TO: Mr. Lillenthal  
Dr. Becker  
Mr. Fife  
Mr. Strauss  
Mr. Wynne  
Thru: Mr. Delaney

Subject: Bikini Scientific Re-survey under Navy auspices

The following additional information was developed today. Dr. Stafford L. Warren informed me of the following conversations with Commander Revelle and Lt. Commander Guilfillen.

a. Drs. Overstreet and Jacobson will not be forced to accept assignments on the Bikini mission against their best judgment and desires in the matter. My recommendation in the earlier memorandum dated 10 June covering these two men appears to be a fair compromise.

b. Dr. Warren telephoned Dr. Karl L. Morgan, of Monsanto Clinton Laboratory at Oak Ridge in the presence of Lt. Commander Guilfillen and ascertained that Dr. Morgan could release three men from the laboratory for the Bikini mission. The men are Dr. Forest Western, PhD in Physics, Dr. John Roberson, PhD in Physics, and Ralph Firminshaw, M.S. in Chemistry (an instrument man). All three men are in the section headed by Dr. Morgan at the Clinton Laboratories. Dr. Morgan indicated that they may be able to borrow enough measuring equipment and accessories to take with them to Bikini to do the job desired by the Navy. However, exact information on the latter point won't be known until they board the ship.

c. Dr. Warren also indicated that Dr. Richard Foster, a fish biologist at Hanford concerned with the fish program at that location and on the contractor's payroll (CR), could and should be added to the University of Washington group (Dr. Donaldson).

d. Dr. Donaldson's group consisting of about ten people from the University of Washington would go to study plant life and fish biology.

Dr. Warren indicated that Revelle and Guilfillen would use the three men from Clinton Laboratories to perform plutonium and fission products chemistry by partitioning the samples with chemical separations, take measurements with the counter equipment, and establish the ratio between the product and fission products while at Bikini. It was expected to do all these things on board the ship in the laboratory space provided.

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OR CHANGED TO  
BY AUTHORITY OF NOV  
BY J. Spurge DATE 4/4/93

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In the event the Commission decides to agree to the above program, it will be necessary for the writer to contact Dr. Morgan at Oak Ridge for the release of the Grove men at that location (this will be through Walter Williams), contact the plant superintendent through Colonel Clarke at Hanford for the release of Dr. Foster, and also authorize Colonel Clarke to arrange for the participation of the University of Washington group. Both Drs. Overstreet and Jacobson will need to be contacted through Mr. Underhill and our representative at the University at Berkeley.

No recommendations are made.

J. A. Berry  
Assistant to the General Manager

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