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PG-1-530

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BY AUTHORITY OF DGE/OC

MAY 27 1952

REVIEWED BY *MWA* 12/29/53
J Diaz 4/23/86

[REDACTED]

Holmes & Narver, Inc.
824 South Figueroa Street
Los Angeles 17, California

Subject: STUDY OF LONG-TERM IMPROVEMENTS - PACIFIC PROVING
GROUNDS

Gentlemen:

It appears advisable at this time to initiate a program of improvement for certain features of our facilities at Eniwetok Atoll. As originally conceived, the Proving Grounds facilities were designed for two operations only within a five-year period and contemplated considerably fewer numbers of personnel to be accommodated than were present during Greenhouse and to be present during Ivy. It now seems reasonable to assume that succeeding operations will be held for an indefinite period in the future at one to one and one-half year intervals. As a consequence, some of our facilities have been inadequate in the past and will continue to be so in the future unless we take corrective measures.

You are requested, therefore, to undertake a study, including preliminary drawings, estimates, and back-up data, for correction of existing deficiencies in the facilities listed below, as well as any others which you consider should be included. Your assumptions should be based on operations similar in magnitude to Operation Ivy with the first an operation one year after Ivy and succeeding operations at one and one-half year intervals thereafter, further assuming that Ivy blast damage on Parry and Eniwetok Islands will be negligible.

1. Electrical power and water distillation facilities. Include a cost study of the possibility of utilizing rainwater drainage from the runway on Eniwetok Island as compared to the continued use of stills. Power studies should be based on the assumption that all facilities should be carried on the central plant with no portable generators necessary.

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PLANTS, LABS., BUILDINGS & LAND

Eniwetok

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U.S. ATOMIC ENERGY COMMISSION

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2. Adequate roofer facilities.
3. Correction of fire prevention and fire fighting inadequacies.
 - a. Permanent-type paving of roads and streets as against continued cost of maintenance and sprinkling of unpaved roads. Permanent-type pavement of Eniwetok and Farry airstrips.
5. Time and cost study of warehouse replacement on Eniwetok Island (assume new Farry warehousing is approved).
6. Include Farry deep-water dock with up-to-date economic justification. Study economic advisability of similar dock at Eniwetok or, at the least, replacement of existing dock with a permanent one.
7. Adequate laundry facilities, including water.
8. Time and cost study of replacement of utilities (electrical, water, sewer, and communications distribution facilities).
9. Schedules of marine craft, vehicle, and heavy equipment replacement.
10. Advisability and cost of providing aluminum housing for all personnel except during an operation.
11. Cost of providing sun hoods for existing aluminum building windows.

Your report on the above should set forth adequate justification for those items which are justifiable, as the data may be used for budget presentations. Should you have any questions as to basic criteria to be used, please advise.

You are requested to advise us at your early convenience as to when we may expect your report.

- Series A:
 1,2,3 - H&N - 207350
 4 - Cooper - 207349
 5 - Graves - 915
 6 - Test Oper.
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Very truly yours,

ALCO

P. W. Spain, Field Manager
Eniwetok Field Office

CC: C. T. Cooper, Eniwetok
 A. C. Graves, J-Div., LASL
 Test Operations, SFCO

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