



CONFERENCE REPORT

HOLMES & NARVER, INC. • ENGINEERS • CONSTRUCTORS

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March 10, 1969

TO: The Files
FROM: General Manager, PTD
SUBJECT: BIKINI CLEANUP

DEPARTMENT OF ENERGY DECLASSIFICATION REVIEW	
1ST REVIEWER DATE: 6/9/94	DETERMINATION (C/P/CLE NUMBER(S))
AUTHORITY: 105 CAFS 117	1. CLASSIFICATION RETAINED
NAME: W. J. Johnson	2. CLASSIFICATION CHANGED TO:
2ND REVIEWER DATE: 6/1/94	3. CONTAINS NO DOE CLASSIFIED INFO
AUTHORITY: ADO	4. COORDINATE WITH
NAME: H. S. J.	5. CLASSIFICATION CANCELLED
	6. CLASSIFIED INFO BRACKETED

PURPOSE: A meeting was held to discuss the costs to date, the scope of work, and problems related to the Bikini Cleanup.

DATE & TIME: March 2, 1969 - 10:00 a.m.

PLACE: Enyu, Bikini Atoll

CONFEREES: MGen. E. deSaussure, CJTF 8
 Col. J. Rawlings, CJTG 8.8
 Mr. W. Bonnet, Mgr., HAO, AEC
 Mr. J. Merrill, AEC Site Rep., Bikini
 Dr. J. Tobin, TT Rep.
 Mr. J. Johnson, Gen. Mgr., PTD, H&N
 Mr. C. Dunlap, H&N Proj. Mgr., Bikini
 Mr. F. Lange, H&N Supt., Bikini

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J. Johnson reported that review of the mobilization, camp construction, and support effort compared to initial planning estimate pointed out the following items which are over and above estimate:

A. Additional Support Costs

These were considered as overhead, not direct, in estimate.

<u>Costs, 2/23</u>	<u>Addl</u>	<u>PFC</u>
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Preliminary Design Communications

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GROUP 4

Downgraded at 3 year intervals;
declassified after 12 years

Costs, 2/23 Addl PFC

Estimating
Material Take-Off/
Requisitioning
Facility Maintenance
Equipment Maintenance

* These may be transferred from Bikini Costs to Other Costs.

B. Additional Costs for 100-Man Camp

Estimate was based on 61-man camp (36 H&N and 25 Bikinians) utilizing existing buildings on Enyu.

Labor Material Camp Supplies

C. Additional Spare Parts for Equipment

Equipment has been increased by JTF 8 to include the following additional items: 1 LCU, 2 LCM's 1 Picket Boat, 2 Tractors, 1 Crane, 3 Trucks, 3 Distillation Units, 5 60-KW Generators, 1 Forklift, 3 Personnel Vehicles.

D. Additional Daily Subsistence & Camp Costs

Due to increase in population from 61 (36 H&N and 25 Bikinians) to 90 (40 H&N, 30 Military, 20 Bikinians), or - say 30 at \$6/day = \$180/day, say \$200 day.
\$200/day x 150 days (5 mos) =

E. Additional Fuel Costs

Due to increase in Item C above. Original estimate included 95,000 Mogas and 75,000 DFM totaling 170,000 gallons f/180 days, or approximately 1000 gal/day. Based upon equipment now to be utilized, the revised figures are 55,000 Mogas and 295,000 DFM totaling 350,000 gallons f/180 days, or approximately 2000 gal/day. Increase of 1000 gal/day at 20¢/gal = \$200/day extended for 180 days (6 mos) equals approximately \$

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Total Estimated Additional Costs

General deSaussure pointed out that savings in transportation costs (originally estimated at \$85,000 for one-way commercial tow) would tend to off-set these additive costs.

This does not consider any change in the scope of the cleanup, which at this time has not been defined sufficiently to warrant changing that portion of the estimate dealing with actual cleanup effort.

Review of costs and obligations to date or period ending 2/23) indicates that H&N manpower must be held at present 15 through March with 8 people added following arrival of LST O/A April 1. (3 Equipment Operators, 3 Truck Drivers, 2 Kitchen)

The General stated that two basic cases could be assumed: Case A - firm through June 30 and Case B - unlimited dollars available. It was agreed that Case A was "real world". The General further stated that priorities were: barge from Eniwetok; additional equipment from JA (2 dozers, 2 dump trucks, 1 20-ton crane, 1 jeep) on Transcolumbia ETA 3/10; LST with balance of equipment/supplies O/A April 1; additional personnel - welders/cutters, equipment operators, EOD on call. It was his opinion that military personnel would have to be brought in to get the job done and stay within fiscal limitations - say army engineers (15 or so) who could do anything. He was extremely critical of H&N's failure to develop detailed plan for cleanup and felt that H&N was not providing the proper staffing to Col. Rawlings. He emphasized the need for getting the big things done first, like knocking down towers on Enyu and Bikini and getting over to Bikini to cut a road along the axis of the island and 3 roads across the island to quarter it.

W. Bonnet asked that the role of H&N be clearly defined by JTF 8. Following a discussion of the job to date and the problems encountered, the General laid down the following guidelines:

- a. He expects H&N's representative to act as Base Engineer for the Commander, 8:8, i. e., to develop the plan of work and to execute.
- b. Enyu and Bikini to be cleared of major obstructions - towers, elevated tanks, scrap iron, concrete rubble - by April 30. All bunkers to remain plus any usable wooden structures.
- c. H&N strength to hold at 15.

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- d. All field work - whether staffed by H&N or military personnel - will be directed by H&N.

From H&N's standpoint, one of the major problems has been the direction of work in the field by Col. Rawlings and J. Merrill in addition to H&N.

Dr. Tobin stated that the Trust Territory would like to have all lumber, wooden structures, and corrugated metal suitable for use by Bikinians as firewood and/or building materials be left for salvage by the natives. He also offered to furnish guidelines for the cleanup which would be satisfactory to the TT for Enyu and Bikini. (Note: Guidelines were furnished to Col. Rawlings by Dr. Tobin on Wednesday, March 5.)

W. Bonnet recommended that a plan be developed prior to departure of General deSaussure. J. Johnson stated that such a plan would be developed. Note: plan for Enyu was submitted Sunday evening, March 2, and plan for Bikini Monday evening, March 3. W. Bonnet also raised question of hiring natives to assist in the cleanup. General deSaussure stated that there would be no resistance on his part to the move-in of natives by TT. W. Bonnet directed question to General deSaussure as to when work was to commence on Bikini. The answer - Monday, March 3. (J. Johnson had recommended that due to limited equipment and manpower on hand, the cleanup work be confined to Enyu.) Note: H&N moved equipment to Bikini on March 3, opened up approximately 3 miles of road, the camp area, the 75' tower area, and the Redstone area. Initial work was completed Wednesday, March 5, and equipment returned to Enyu.

Subsequent to the meeting, General deSaussure and Col. Rawlings approved an increase in H&N staffing from 15 to 18. This ceiling will continue through June 30 with additional support furnished by military, as required.

JRJ:jj

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