

Holmes & Narver, Inc.
Engineers-Constructors

REPOSITORY Nevada Operations Office

COLLECTION 326 - 67A 1016

BOX No. 109 or 223124

To: C. F. Dunlap

Job: 942

FOLDER Weather Stations 1955

From: J. S. Coe

Re: Inspection of Weather Stations and
Facilities - Kapingamarangi and Kusaie.

Date: 13 April 1957

411501

On April 9, 1957, Mr. W. C. Bush of the AEC and I departed Ponape Atoll on or about 0730 and arrived at the island of Fumatahachi in Kapingamarangi Atoll about 1100. An inspection was made of the existing buildings and facilities, and the following will be required to place the weather station in an "as-built" condition for occupancy.

BUILDING No. 1 - PUMP HOUSE:

Appears to be in good condition and ready for equipment installation.

BUILDING No. 2 - SUPPLY WAREHOUSE:

Requires replacement of one shutter on the South end of the building, a new latch set on the exterior door, and cleanup.

BUILDING No. 3 - WATER TOWER:

Requires no rehabilitation. In good condition with two Navy Cubes in place.

BUILDING No. 4 - POWER & DISTILLATION:

Requires replacement of Square D switch and switch gear for booster pump. A new ground wire for the generator is required. Some extra piping and copper tubing may be needed when installation of equipment is undertaken. 50% of the rain troughs need replacement.

BUILDING No. 5 - MESS HALL:

Apparently in good condition. Some cleanup required prior to occupancy.

BUILDING No. 6 - REEFER BANK:

In good condition. Normal cleanup required before equipment installation.

BUILDING No. 7 - BARRACKS #1:

In good condition. Normal cleanup and shower room equipment installation required before occupancy.

BUILDING No. 8 - DAY ROOM:

Minor repairable damage to one shutter and normal cleanup required.

BUILDING No. 9 - BARRACKS #2:

A latch set for one interior door is required. Shower room equipment installation and normal cleanup is also required before occupancy.

BUILDING #10 - RAWINSONDE TOWER:

This structure was almost totally destroyed. Two of the four piers for the tower could be utilized in rebuilding the structure. However, the platform consisting of two Navy Cubes with concrete cap is not usable.

GENERAL:

The sewer outfall appears to be still in usable condition. Both antennae are in very good condition. Provision should be made to furnish several rolls of screen, several lengths of various size pipe, and some lengths of different size cables.

At 1510 the writer and Mr. Bush departed Kapingamarangi Atoll and arrived at Ponape at 1800 hours.

On April 10, 1957 and inspection was made of the weather station in Kusaie after the party had landed there at 1100. The following will be required to place the weather station in an "as-built" condition for occupancy.

BUILDING SITE "A"

BUILDING #1 - SUPPLY & OPERATIONS:

Needs new screens throughout, and replacement of two doors.

BUILDING #2 - GENERATOR SHED:

In good condition. Requires routine cleanup prior to equipment installation.

BUILDING #3 - RAWINSONDE TOWER:

Base and tower in good condition. Ready for equipment installation.

BUILDING #4 - PIT LATRINE:

Should be entirely replaced.

BUILDING #5 - FUEL TANK BASE:

In good condition and ready for piping equipment.

BUILDING SITE "E"

BUILDING #1 - REEFER BANK:

In good condition. Needs normal cleanup prior to equipment installation.

BUILDING #2 - MESS HALL:

Fifty percent (50%) of the screening needs to be replaced, the remainder brushed and cleaned,

(Bldg. #2, Mess Hall, Cont'd)

and normal building cleanup accomplished before occupancy.

BUILDING #3 - DAY ROOM:

An interior door requires replacement. Sink and water cooler are missing.

BUILDING #4 - BARRACKS:

The top cover of one of the water closets is missing.

BUILDING #5 - BARRACKS:

In good condition. Needs normal cleanup before occupancy.

BUILDING #6 - POWERHOUSE:

In good condition. Normal cleanup required prior to equipment installation.

BUILDING #7 - PUMP HOUSE & DISTILLATION:

In good condition. Normal cleanup required prior to equipment installation.

BUILDING #8 - WATER TOWER:

Metal clips at base of piers should be wire brushed and painted.

GENERAL:

Both antennae appear to be in good condition. Enough paint should be supplied for repainting the Mess Hall and both rooms in Barracks Numbers 4 & 5. Several lengths of various sized pipe and pipe fittings, and six pairs of door hinges are also needed.

At 1500 hours the party departed Kusaie and arrived at Kwajalein at 1800 hours.