

FTI McCraw

Atoll FTI
Clay Nelson

104802

1 June 1979

MEMORANDUM FOR THE RECORD

Subj: USS RENSHAW (DDE-499) Visit to the Atoll of LIKIEP
5-6 March 1954

Ref : (a) Phonecon from Gordon Facer, DOE, on 22 May 79, re-
garding the New Marshallese Government's request
for information about a Navy ship reported to have
been at the Atoll of LIKIEP in early March 1954

Encl: (1) Deck Log entries 5-6 March 1954 for the USS RENSHAW
(DDE-499)
(2) Document concerning Long Term Activity Estimates
for the Northern Marshall Islands

1. Reference (a) indicates that the New Marshallese Government
is attempting to locate any measurements or pictures that may
have been taken at the Atoll of LIKIEP several days after the
detonation of Operation CASTLE, Shot BRAVO in early March 1954.
Their interest has focused on a Navy ship that is reported to
have arrived at the atoll, unloaded instruments, and taken some
pictures at that time.

2. The deck log of the USS RENSHAW (DDE-499) for Friday 5 March
1954 indicates that the ship arrived at the Atoll of LIKIEP that
evening. The log makes no mention of off-loading instrumentation
or of taking any pictures. Other entries indicate that a landing
party departed for LIKIEP Island at 0705 on Saturday 6 Mar 1954
and returned to the ship at 0937 that morning. The RENSHAW de-
parted the Atoll of LIKIEP at 1133 on 6 March 1954. Copies of
these entries are included as enclosure (1).

3. The log of the RENSHAW does not make mention that she had any
scientific personnel on board or that she was involved in any
special survey operations. It is, of course, possible that when
the landing party went ashore, some type of instrumentation might
have been taken along. None of the currently available data, how-
ever, provides any information on the results of such measurements
and it does not appear likely that any final reports would include
results of such specifics as these.

4. Enclosure (2) entitled, "Long Term Activity Estimates for
the Northern Marshall Islands" (unknown source) has been located
which provides information on Marshall Islands affected by BRAVO
and YANKEE fallout. Although LIKIEP is not included in Table 5,
the island of AILUK to the northeast is listed. The table in-
dicates that the dose rates at one hour after detonation on AILUK
was 1 R/hr after BRAVO and 0 R/hr after YANKEE. Figure 2 indicate
that a 1 R/hr fallout intensity isodose line at H + 1 hrs for
can approximately through the northern part of LIKIEP.

US DOE ARCHIVES 826 U.S. ATOMIC ENERGY COMMISSION
RG _____
Collection <u>DOS McCraw</u>
Box <u>2 Job 1320</u>
Folder <u>Atolls Contamination By Fallout</u>

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