

DRAFT  
DGFava/mag  
12/7/72

411626

*Tracy - needs to be updated with final report.*

*Mary Ann -  
Make this addressal  
to same group as last week.*

Status Report No. 2  
Eniwetok Radiological Survey  
(December 2-8, 1972)

This report summarizes activities and results of the radiological survey in progress on Eniwetok Atoll for the period December 2-8, 1972.

The Marine, Engineering, and Air Sampling survey efforts are well underway and appear to be progressing smoothly.

The Marine Reef Group has completed sampling near Tilda and Ursula and "catches" have been prepared for shipment to the CONUS. Sampling has begun near Fred (Eniwetok), Yvonne and Janet.

The Marine Boston Whaler has completed shallow lagoon water and "grab" sampling in the area from Wilma counterclockwise to Janet (northeast quadrant). <sup>(handing craft, Personnel, Light)</sup> The LCPL ~~(whatever it is ...)~~ has been modified to accommodate the Boston Whaler sampling equipment thus providing the option of using either vessel for shallow lagoon sampling. Deep lagoon sampling was completed at eight separate points in the lagoon (specific locations not identified) using the LCU (handing craft, Utility). Shallow and deep lagoon sampling efforts will <sup>shortly</sup> soon shift to the northwest quadrant of the Atoll.

REPOSITORY DOE History Division  
COLLECTION RG-326, Tommy McCraw, Job # 1320  
BOX No. 5  
FOLDER Radiological Survey

Engineering/Rad safe groups have completed their surveys on Alice, Belle, Pearl, Clara, Daisy, Edna, Irene, Yvonne, Sally, Tilda, and Ursula. Janet remains as the last significant island to require this effort.

On Pearl, the Engineering/Rad safe groups measured 400 to 500 Micro R/hr in <sup>a</sup> "hot spot" area earlier identified by the Aerial Survey helicopters. The hot spot appears to center <sup>near</sup> ~~a~~ a SGZ. Scrap metal reading 4 to 5 Micro R/hr was also found in area.

The Air Sampling Group continued low level sampler operation on Yvonne and started <sup>a</sup> hi-volume sampler downwind of <sup>the</sup> hottest area on Janet. Sampling will be continuous on Janet for 4-5 days (each sample taking 24 hours) before moving on to Sally and Yvonne.

Documentary photography capability has been established at the ~~stall~~.