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FAX TRANSMITTAL SHEET

DATE: 9/23/96

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REMARKS: HAWK TURTLE STUDY FOR MARINE TOXINS

Two types of analyses for marine toxins determined for the hawk turtle tissues submitted to our laboratory.

1. Immunological assay by the solid-phase immuno-bead assay (SPIA) for detection of ciguatoxin and related polyethers.
2. Mouse toxicity for assessment of toxicity of tissue extracts.

The results obtained are as follows:

1. Immunological assay: None of the 12 tissues showed any reactivity in this assay. All samples were in the negative category.
2. Similarly pooled acetone extracts, given at a dose of 450 mg/25 gram mouse intraperitoneally showed no clinical symptoms in mice. All animals survived during the 12 hours observed.

Number of pages (including this cover sheet): 1

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