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CLIENT
TODD SHIPYARDS CORP.
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INVESTIGATION Determine airborne asbestos levels during removal of Marinite panels in staterooms aboard Pacific Princess. Study made on 11/20/80 while the Pacific Princess was under repair at Todd Shipyards, San Pedro, California.

METHOD Samples were taken in the breathing zone of the two subjects while they removed Marinite panels from staterooms aboard the Pacific Princess. Samples were taken at a flow rate of 2.0 liters/min using Dupont model 2500 constant flow personal monitoring pumps. Millipore mixed ester cellulose filters with a pore size of 0.8 microns were used. Analysis was by NIOSH method P&CAN 239.

<u>RESULTS</u>	Employee	Sampling time	Fibers/cc	OSHA Limit
	Charles Riggs	359 min	0.21	2.0
	Richard LeDuc	366 min	0.15	2.0

CONCLUSIONS The exposure of these employees to asbestos during the removal of Marinite panels is well below the maximum allowed by OSHA for unprotected workers. It is this writers opinion that the workers should still wear respirators during the removal of Marinite panels since the proposed NIOSH asbestos exposure limit is 0.1 fibers/cc.

Respectfully submitted,

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