

Pesco Products

Date ----- Doc. No. -----

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August 8, 1969

LKIT ACCOMPANIED
BY LETTER TO

X1.6

Mr. David L. Christensen
University of Alabama Research Institute
P. O. Box 1247
Huntsville, Alabama 35807

Dear Mr. Christensen:

In response to your letter to Mr. D. R. Spatz, president, we have gathered our published material which covers our cryogenic activities in pump and motor development.

The development of the Saturn pumps was preceded by a lot of preliminary work, so most of the written material concerns problems associated with pumps and motors during that period.

By the time we began work on the Saturn pumps, many problem areas had been covered leaving the specific problems of the Saturn application to be solved.

The engineering reports dealing with these specifics and their solutions will have to be released to you from the prime contractors.

It might be noted that Pesco was the first in this country to build an electric motor-driven pump which ran successfully while immersed in liquid hydrogen. This was the forerunner of the Saturn V pumps.

We hope this information will be useful to you.

Sincerely yours,

C. A. Perkins
Supervisor of Publications

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