J. H. Davidson - Los Angeles
NTJ/DAH/LFS
[redacted]

August 10, 1970

Mr. J. V. Lawler
Lubrication Engineer
ITT Federal Support Services, Inc.
Federal Building
Richland, Washington 99352

Dear Joe:

It has been a pleasure working with you recently on the high temperature pressure testing application for Therminol FR-1. Should your people have additional questions on materials compatibility, etc. when using Therminol FR-1 I would recommend they contact D. E. Roush here at (314) 964-2529. Don is the Monsanto Therminol Engineering Specialist who is most capable of handling the engineering aspects of our Therminol fluids.

Joe, it does not appear that we have any "on the shelf" radiation resistant polyphenyl ether greases applicable for your use. As this type of application has had quite limited (and sporadic) market demand our general policy has been to refer requests to specialty grease compounders who purchase polyphenyl ethers for purposes like this. I would recommend you contact a west coast specialty compounder, Battenfeld Oil and Grease Company, 19530 South Alemeda Street, Compton, California (213) 639-4504.

It is a pleasure working with you.

Very truly yours,

D. R. Pogue

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NOTE: Therminol application is small pressure testing system at 600°F. + and 500 psi. Discussed compatible materials with Lawler for Therminol FR-1. ITT looking for radiation resistant ball bearing grease for 200°F. operating temperatures. Usage small. Other details attached to file copy and are available would anyone want more background.

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