



TO: Craig Flinders
UHI Corporation
750 North 200 West Ste. 306
Provo, Utah 84601

FROM: Scott Hassett Principal Engineer
Generation Engineering, PacifiCorp
168 North 1950 West
Salt Lake City, Utah 84140 (801) 220-4739

DATE: Jan 15, 1991

Subject: Confirmation of FPC-1 Fuel Catalyst Tests
Ran on PacifiCorp Diesel Trucks.

Dear Mr. Flinders

You requested a letter of my involvement in the tests UHI ran last year on Utah Power & Light vehicles. Here is my statement of what happened.

On January 26, 1990 ten diesel line trucks at the Ogden District of Utah Power & Light were tested by UHI for an initial baseline performance measurement of the engines. The FPC-1 catalyst was then added to the diesel storage tank at the Ogden Service Center and the test vehicles used this treated fuel for the next few months. On May 3, 1990 the same performance test was repeated. In both tests I monitored all the data collected and carefully reviewed all results.

The test results show that the average fuel savings for the nine test diesels was 8.9%. Of the eight diesels that improved in performance, they had a high of 12.9% to a low of 4.4%.

This 8.9% fuel saving is very close to the 10% UHI said we would get and in my opinion verifies their claims.

In 1980 I was part of the team at UP&L that sponsored Dr. G. J. Germane of the Mechanical Engineering Dept. of BYU to run an engine performance test on the FPC catalyst. The report SAE 831204 is the report of that work. As far as I am aware the FPC-1 catalyst has worked as claimed.

Sincerely

A handwritten signature in cursive script, reading "Scott Hassett".