STATE OF CALIFORNIA
AIR RESOURCES BOARD
2020 L STREET
P.O. BOX 2815
SACRAMENTO, CA 95812

PETE WILSON, Governor

September 9, 1993

Craig Boche
Development Engineer
The Goodyear Tire and Rubber Company
Post Office Box 579
Norfolk, NE 68702-0579

93-21

Dear Mr. Boche:

Certification of Modified Goodyear Flexsteel Vapor Assist Hose

I received your letter of August 27, in which you discussed modifications to the Goodyear Flexsteel Vapor Assist inverted coaxial hose assembly. These modifications will change the current design of the inner hose by adding one barb to the stem fitting. The Flexsteel hose was granted certification by the Air Resources Board (ARB) on November 23, 1992.

As you know, this hose was approved in 1992 by the other agencies involved in the certification process. On September 8, 1993, my staff discussed the modification to the hose fitting with the other Agencies and agreed that no additional approvals will be required.

The recent increase of certification applications for bootless systems with inverted coaxial hose configurations has led us to gather data on the pressure drop across inverted hoses. We request that you send us one 12-foot Flexsteel hose and one 15-foot Flexsteel hose that have been modified to meet your new design criteria. These hoses will be used to conduct a pressure drop test in our lab.

I find that the modifications to the Flexsteel hose will not adversely affect the vapor recovery systems on which it may be installed. Therefore, the Goodyear Flexsteel Vapor Assist inverted coaxial hose is certified for use with the Gilbarco VaporVac and the Hasstech bootless Phase II gasoline vapor recovery systems.

If you have any questions, please call Christine McKenzie at (916) 324-7658 or Laura McKinney (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Vapor Recovery Technical Committee Members