STATE OF CALIFORNIA

PETE WILSON, Governor

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

March 6, 1995

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

#95-6

Dear Mr. Boche:

Approval of the Goodyear Non Swivel Design for the Flexsteel Hose

You requested certification of the Goodyear non swivel design for use on the Goodyear Flexsteel inverted coaxial hose assembly on on June 15, 1994. The Goodyear Flexsteel hose was CARB approved on September 9, 1993, and is listed in Approval Letter #93-21. A 3/4 inch diameter version of the Flexsteel hose was CARB approved on February 28, 1994, and is listed in Approval Letter #94-4. The non swivel design is applicable to both of these hoses.

The non swivel design removes the swivel from the dispenser end of the Flexsteel hose only. However, the swivel at the nozzle end of the hose will remain the same. By removing the swivel at the dispenser end of the hose, the opportunity for a swivel leak is reduced. The hose shall have markings indicating nozzle end and dispenser end.

As required by the Air Resources Board certification procedures, you requested the approval of the Division of Occupational Safety and Health, the Office of the State Fire Marshal and the Department of Food and Agriculture, Division of Measurement Standards. The necessary approvals have been obtained from these agencies.

I find that the use of the non swivel design, when installed in accordance with the manufacturer's instructions and the conditions listed in the original Flexsteel approvals, will not adversely affect the performance of the Goodyear Flexsteel hose on which it is installed. Therefore, the Goodyear Flexsteel inverted coaxial hose assembly is allowed to have a non swivel fitting on the dispenser end of the hose only.

Should you have any questions or need further assistance, please contact Mr. Basharat Iqbal at (916) 324-7343 or Ms. Laura Sullivan McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: Mr. Kenneth Kunaniec, Chairman, CAPCOA Vapor Recovery Committee
Mr. Gary Hunter, Manager, CARB Compliance Assistance Section