STATE OF CALIFORNIA

PETE WILSON, Governor

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

January 19, 1993

William J. Brown
Technical Liaison Manager
OPW Fueling Components
Post Office Box 405003
Cincinnati, OH 45240-5003

#93-2

Dear Mr. Brown:

Modification to OPW 61-SO Series Overfill Prevention Valves

You requested California Air Resources Board (CARB) certification of a modification to the OPW 61-SO series overfill prevention drop tube valves. These two-stage shut-off valves are an integral part of the drop tube. When the liquid level rises to 95% of the underground storage tank capacity, the valve mechanism is released and the valve closes automatically with the flow. The delivery tank operator may drain the product remaining in the hose at approximately five gallons per minute through a bypass valve. The modification for which approval was requested consists of the addition of an o-ring to the lower drop tube/valve connection and improvements to the integrity of the shaft pivot points. These modifications were made to prevent vapor leaks from the storage tank during Phase I operations.

A suffix will be added to the model number in order to differentiate the improved valve from the original, unimproved valve, which will continue to be offered for use in areas where vapor recovery is not required. The suffix used to identify the improved valve includes the letter "C" followed by a three digit numeric code to denote length. The three improved valves are identified as the 61-SO-C400, the 61-SO-C410 and the 61-SO-C412.

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 modifications to the 61-SO-C400, -C410 and -C412 overfill prevention tubes will not adversely affect vapor recovery systems on which they may be installed. Therefore, the OPW 61-SO-C400, -C410 and -C412 overfill prevention valves are certified for use with CARB-certified Phase I vapor recovery systems. If you have any questions, please call Laura McKinney at (916) 327-1525.

Sincerely,

James J. Morgester, Chief
Compliance Division

cc: All APCDs and AQMDs
Vapor Recovery Technical Committee Members