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September 24, 1980

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Mr. R. H. Engelken, Director
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Region V
U. S. Nuclear Regulatory Commission
1990 N. California Boulevard
Walnut Creek Plaza, Suite 202
Walnut Creek, California 94596

Re: Docket No. 50-275
Docket No. 50-323



Dear Mr. Engelken:

This is in response to IE Bulletin No. 80-03 concerning loss of charcoal from charcoal adsorber cells.

At Diablo Canyon charcoal adsorbers are used in the Auxiliary Building ventilation system (safeguards train), the Fuel Handling Building ventilation system (iodine removal train), and the Control Room ventilation system. These systems all use the American Air Filter Co. CS-8, Type II, P/N 103 - 840967-5 tray filled with AAF No. 2701 charcoal adsorber material.

On February 19, 1980, approximately 30 adsorber trays were visually inspected. There was no evidence of screen/casing separation or sagging. The screen attachment to the cartridge casing is made by spot welding the screen edge every one-inch around the periphery of the casing. At the edges, the screen becomes a solid plate providing a rigid mating of the screen and casing. This design appears very good for resisting gap formation and sagging. Twenty adsorber trays were checked for light penetration with a 100 watt bulb. No light penetration was detected.

Consequently, we believe there is very low potential for the loss of charcoal from charcoal adsorber cells used at Diablo Canyon.

Very truly yours,

Philip A. Crane

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