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Waterford 3

W3F1-93-0058

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June 9, 1993

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D.C. 20555

Subject: Waterford 3 SES
Docket No. 50-382
License No. NPF-38
NRC Bulletin 93-02, "Debris Plugging of Emergency Core
Cooling Suction Strainers"

Gentlemen:

The purpose of this letter is to respond to NRC Bulletin 93-02 regarding the potential for debris plugging of the Safety Injection System (SIS) sump in the containment during the recirculation phase of a loss-of-coolant accident (LOCA).

Waterford 3 does not have any temporary sources of fibrous material which are installed or stored in the containment during plant operation. The only temporary source of fibrous based filters in the containment are used on the Containment Fan Coolers during outages, but are removed and disposed of prior to startup. Therefore, they would not be present during normal plant operation, and would not cause an SIS sump plugging problem during a LOCA.

The only fibrous air filters in the containment during plant operation are permanent filters which are part of the Airborne Radioactivity Removal System (ARRS). These filters are located well within the ARRS ductwork and are secured within the ductwork with heavy stainless steel mesh. The evaluation of these contained filters concluded that they will not present an SIS sump plugging problem during the recirculation phase of a LOCA.

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NRC Bulletin 93-02, "Debris Plugging of
Emergency Core Cooling Suction Strainers
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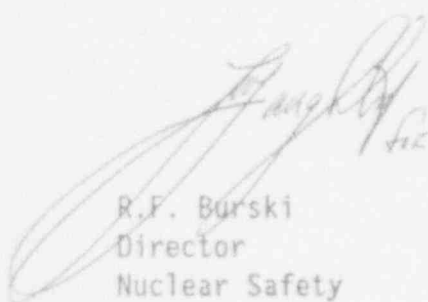
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In addition to the requirements of the bulletin, Waterford 3 has also previously conducted extensive confirmatory evaluations, beyond the FSAR evaluations, to address the potential for debris plugging of the SIS sump under postulated accident conditions. The results of these evaluations were submitted to the NRC on April 25, 1985 in W3P85-1149 and mainly addressed the potential for SIS sump plugging from insulation and coating debris. The results indicated that there is no potential for SIS sump blockage from these sources. Since the submittal of W3P85-1149, there have been no changes in the plant which would alter the results.

In conclusion, the Waterford 3 evaluations indicate that debris generation under LOCA conditions would not impair the SIS sump performance; therefore, no further action is required regarding Bulletin 93-02. If you should have any questions regarding this response, please contact Roy Prados at (504) 739-6632.

Very truly yours,



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RFB/RWP/dc

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