



**Pacific Gas and
Electric Company**

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PG&E Letter DCL-00-129

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

Docket No. 50-275, OL-DPR-80
Docket No. 50-323, OL-DPR-82
Diablo Canyon Units 1 and 2
Supplemental Information Regarding ASME Code Case N-616

Dear Commissioners and Staff:

Enclosed is supplemental information to PG&E Letter DCL-00-092, "Inservice Inspection Relief Request - Use of ASME Code Case N-616," dated June 16, 2000, regarding ASME Code Case N-616, Alternative Requirements for VT-2 Visual Examination of Class I, 2, and 3 Insulated Pressure-Retaining Bolted Connections, Section XI, Division 1. This information was discussed with the NRC in teleconferences on September 13, and October 5, 2000.

The 1989 Edition, Article IWA-5000, paragraph IWA-5242(a), requires that for systems borated for the purpose of controlling reactivity, the insulation shall be removed from pressure retaining bolted connections for visual examination VT-2. ASME Code Case N-616 states that when corrosive resistant bolting material is used that has a chromium content greater than or equal to 10 percent, it is permissible to perform the VT-2 examination without insulation removal. This supplemental letter documents the typical chromium content of the piping, flanges, fittings, and valve materials applicable to this relief request used in borated systems at Diablo Canyon Power Plant.

Sincerely,

David H. Oatley

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cc: Ellis W. Merschoff
David L. Proulx
Lakshminaras Raghaven
State of California
Diablo Distribution

Enclosure

DDM/469/A0505784

**SUPPLEMENTAL INFORMATION REGARDING
INSERVICE INSPECTION (ISI) RELIEF REQUEST #PRS-6**

Diablo Canyon Power Plant (DCPP) has reviewed the borated systems applicable for use of ASME Code Case N-616 and identified the DCPP material specifications typically used in these locations. The type of material, chrome, and nickel content are listed below:

<u>DCPP Pipe Specifications S1 thru S5</u>		<u>Chrome</u>	<u>Nickel</u>
Piping:	ASTM A312, A376 & A358 Grade TP 304	18%-20%	8%-11%
≤2" Flanges & Fittings:	ASTM A182, Grade F304	18%-20%	8%-11%
≥2 1/2" Fittings:	ASTM A403 Grade WP304	18%-20%	8%-11%
≥2 1/2" Flanges:	ASTM A182 Grade F304	18%-20%	8%-11%

<u>DCPP Pipe Specification S6</u>		<u>Chrome</u>	<u>Nickel</u>
Piping: <2" thru 3":	ASTM A376 Grade TP304	18%-20%	8%-11%
Piping: ≥4"	ASTM A376 Grade TP316	16%-18%	11%-14%
≤2" Fittings:	ASTM A182 Grade F304	18%-20%	8%-11%
>2" Fittings:	ASTM A403 Grade to match pipe		
Flanges:	ASTM A182 Grade F 316	16%-18%	10%-14%

<u>Stainless Steel Valves</u>		<u>Chrome</u>	<u>Nickel</u>
Cast Body:	ASTM 351 Grade CF8M	18%-21%	9%-12%
Forged Body:	ASTM A182 Grade F304	18%-20%	8%-11%
Forged Body:	ASTM A182 Grade F316	16%-18%	10%-14%