



**INDIANA AND MICHIGAN POWER  
D. C. COOK NUCLEAR PLANT  
UPDATED FINAL SAFETY ANALYSIS REPORT**

Revision: 25.0  
Table: 14.3.1-6  
Page: 1 of 1

**PEAK CLADDING TEMPERATURE INCLUDING ALL PENALTIES AND BENEFITS,  
BEST-ESTIMATE LARGE BREAK LOCA (BE LOCA) FOR D. C. COOK UNIT 1**

PCT for Analysis-of Record (AOR)	2128°F
PCT Assessments Allocated to AOR	
<ul style="list-style-type: none"><li>• Design Input Changes with Respect to Plant Operations</li></ul>	-381°F
<ul style="list-style-type: none"><li>• Evaluation of Pellet Thermal Conductivity Degradation and Peaking Factor Burndown</li></ul>	+384°F
BE LBLOCA PCT for Comparison to 10CFR50.46 Requirements	2131°F