

ENCLOSURE 2

M180222

ODYN Statistical Adders

Non-Proprietary Information

IMPORTANT NOTICE

This is a non-proprietary version of Enclosure 1 to M180222, which has the proprietary information removed. Portions of the document that have been removed are indicated by an open and closed bracket as shown here [[]].

ODYN Statistical Adders – BWR/6

GEMINI Methods – PANAC11

GNF3 Fuel

The following table provides the statistical adjustment factors (SAFs) and scram speed adjustment factors (SSAFs) to be applied to BWR/6 plants using the GNF3 fuel type when the reload licensing analyses are performed with GEMINI/ODYN/PANAC11 methods. The SAFs are used to determine the Option B minimum critical power ratio (MCPR) operating limit, and the SSAFs are used to determine the Option A MCPR operating limit.

Plant-specific statistical adders may be used in accordance with the approved methodology. If plant-specific statistical adders are generated, they will be provided to the NRC for information.

Transient / Condition ^{1, 2}	Cycle Exposure ³	Option B	Option A
TT/LRNBP	EOC	[[
FWCF	EOC		
PRFDS	EOC		
TT/LRNBP	MOC		
FWCF	MOC		
PRFDS	MOC]]

Notes:

1. The statistical adders are applicable with and without a recirculation pump trip (RPT).

2. TT/LRNBP = Turbine Trip/Load Rejection with No Bypass

FWCF = Feedwater Controller Failure

PRFDS = Pressure Regulator Failure Downscale

3. EOC = End-of-Cycle

MOC = Middle-of-Cycle