

ENCLOSURE 2

MFN 09-674

ODYN Statistical Adders BWR/6

GNF Non-Proprietary Information

IMPORTANT NOTICE

This is a non-proprietary version of Enclosure 1 to MFN 09-674, which has the proprietary information removed. Portions of the document that have been removed are indicated by white space with an open and closed bracket as shown here [[]].

ODYN Statistical Adders BWR/6

GEMINI Methods – PANAC11 - GNF2 Fuel Product Line

The following table provides the scram speed adjustment factors (SSAFs) to be applied to BWR/6 plants using the GNF2 fuel type when the reload licensing analyses are performed with GEMINI/ODYN/PANAC11 methods. 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	Cycle Exposure	Option A
TT/LRNBP w/o RPT	EOC	[[
FWCF w/o RPT	EOC	
TT/LRNBP with RPT	EOC	
FWCF with RPT	EOC	
PRFDS	EOC	
TT/LRNBP w/o RPT	MOC	
FWCF w/o RPT	MOC	
TT/LRNBP with RPT	MOC	
FWCF with RPT	MOC	
PRFDS	MOC]]

- TT/LRNBP = Turbine trip/load rejection with no bypass
- FWCF = Feedwater controller failure
- PRFDS = Pressure regulator failure - downscale
- RPT = Recirculation pump trip
- EOC = End-of-cycle
- MOC = Middle-of-cycle