

Office for Nuclear Regulation

An agency of HSE

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EDF AND AREVA UK EPR GENERIC DESIGN ASSESSMENT

GDA ISSUE

SMART DEVICES

GI-UKEPR-CI-04 REVISION 1

Technical Area	CONTROL AND INSTRUMENTATION		
Related Technical Areas	Electrical Engineering		
GDA Issue Reference	GI-UKEPR-CI-04	GDA Issue Action Reference	GI-UKEPR-CI-04.A1
GDA Issue	EDF and AREVA have yet to define a methodology to be used to qualify Smart Devices for Nuclear Safety functions.		
GDA Issue Action	EDF and AREVA to define the methodology to be used to qualify smart devices used in the implementation of nuclear safety functions and produce examples of the implementation of the methodology for two smart devices, one from Class 1 and one from Class 2. EDF and AREVA have yet to define a methodology to be used to qualify smart devices for use in Nuclear Safety functions. A significant programme of work may be required to justify equipment that incorporates smart devices. This topic has been discussed with EDF and AREVA, and a position paper provided. However, further definition of the methodology and examples of its implementation are required. With agreement from the Regulator this action may be completed by alternative means.		