



## Checklist for Dedication in Accordance with the Process Defined in EPRI TR-106439

Index Nr.	Elements of dedication processes addressed in EPRI TR-106439	Where addressed in EPRI TR-106439	Interpretation for dedication	Where addressed in documentation	RRCN SAS document number	Specific RRCN SAS QA actions to dedicate	Dedication acceptance criteria	Dedication action complete (initials/date)
4,1	The Process: A Combination of Design and Procurement Activities	Section 4.1						
4,2	Defining and Verifying Critical Characteristics	Section 4.2						
4.2.1	Physical characteristics	Section 4.2 and Table 4-1						
4.2.1A	Product / part identification							
4.2.1B	Physical characteristics of hardware and device interfaces							
4.2.2	Performance characteristics	Section 4.2 and Table 4-1						



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4.2.2A	Required functionality and performance requirements related to the required functionality							
4.2.2B	Environmental conditions related to the required functionality and performance							
4.2.2C	Behavior under specific abnormal and faulted conditions							
4.2.3	Dependability characteristics	Section 4.2 and Table 4-1						
4.2.3A	Reliability							
4.2.3B	Maintainability							



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4.2.3C	Built-in quality							
4.2.3D	Configuration control and traceability							
4.2.4	Assessment of "Built-in Quality" for Commercial Digital Equipment	Table 4-2						
4.2.4A	Review of the design, its documentation, and hardware and software implementations							
4.2.4B	Review of the design/development process and its documentation, as it was applied for the item being evaluated							
4.2.4C	Review of qualifications and experience of personnel involved in design and verification							



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4.2.4D	Review of vendor QA program and practices, including SQA							
4.2.4E	Review of vendor configuration control program and practices							
4.2.4F	Failure analysis							
4.2.4G	Review of vendor testing							
4.2.4H	Review of product operating history							
4,3	Additional guidance on evaluation and acceptance of commercial digital items	Section 4.3						
4.3.1	Application to Different Types of Changes							



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4.3.2	Timing of Activities in the Process							
4.3.3	Technical Reviews and Expertise Required							
4.3.4	Who and Where to Survey							
4.3.5	Iteration on Requirements and Critical Characteristics							
4.3.6	Requirements on the Dedicator							
4.3.7	Dedicating for Multiple Applications							
4.3-8	Documenting Engineering Judgment							



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5	Maintain the dedication basis to ensure that it remains valid over the operating lifetime of the equipment in the plant.	Section 5						
5,1	Product Changes Including Software/Firmware Revisions	5,1						
5,2	Operating Within the Bounds of the Original Dedication	5,2						
5,3	10 CFR 21 Reporting	5,3						
5,4	Third Party Dedicators	5,4						
5,5	Long-Term Support Issues	5,5						