

Dedication of Software

Software used for safety related design and analysis is considered a basic component.

Dedication of Software

Two ways to get there:

1. Buy it from an approved Appendix B supplier or
2. Dedicate it

The NRC has told us that software will be addressed in the soon to be released revision to 10CFR21.

Dedication of Software

NUPIC audit findings are raising awareness in the industry that a better understanding of the use and safety classification of software is needed.

Dedication of Software

Finding

The process established for the performance of commercial-grade dedication of software used for nuclear safety-related analysis is inadequate in that the contribution of the software analysis to safety function has not been identified. An acceptable dedication process must identify the affected safety function, and develop related acceptance criteria. (sited 10CFR50 Appendix B criterion III and V)

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Finding

_____ has not developed a commercial grade dedication process for the acceptance of computer software which is used in the performance of safety related engineering calculations and analyses. Examples of such software include _____ which are used for thermo-hydraulic analysis.

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Guidance document in process of development – EPRI Sponsored with NUPIC and Suppliers on the team.