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# Example of Advisory Engineer Job Description

Our company is growing rapidly and is hiring for an advisory engineer. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for advisory engineer

* Explain standard concepts and obtain consensus on the design approach
* Develop the project design basis
* Communicate clearly with peers, technical and non-technical personnel, designers and other disciplines
* Integrate knowledge of functional priorities
* Determines technical requirements based on interactions with stakeholders and knowledge of the infrastructure architecture
* Continual process and code improvement to continually make the automation platform better and support ever changing requirements
* Generate, escalate, manage trouble-tickets with vendors support organization
* Participate in troubleshooting bridges with infrastructure and application development teams
* Participate in RCA meetings and generate RCA documents
* Build KPI dashboards

## Qualifications for advisory engineer

* Previous experience with USNRC reload licensing requirements (NUREG-800, 10CFR50.59, 10CFR50.46, 10CFR50 Appendix B, etc)
* Experience with BWR reload campaigns focused on thermal-hydraulic applications using USNRC approved methodologies
* Proficiency with reactor system analysis codes (examples are RELAP, RETRAN, TRAC, TRACE) for reactor transient or accident simulations
* Experience with programming languages (FORTRAN, C, or C+, PYTHON)
* Experience defending modified or new methods with the NRC/ACRS
* Significant experience with BWR analyses and licensing topics