

POSITION TITLE: CIVIL STRUCTURAL ANALYST

DUTIES:

Provide advanced analysis methods and design of all types of structures for normal and accident loading conditions in support of SRR Project Teams. Advanced Structural analytical capabilities include: Seismic soil-structure interaction (SSI), dynamic seismic analysis (response spectra and time-history), generation of in-structure seismic amplified response spectra, tornadic winds and missile penetration, precipitation (rain, flood, snow), and structural response to explosion (blast/detonation and deflagration).

Engineering services will be provided using SRR processes and procedures. Programmatic guidance will be provided by SRR.

REQUIRED QUALIFICATIONS:

Education:

MS Degree in Civil Engineering or BS Degree in Civil Engineering and current registration as a Professional Engineer in either Civil or Structural Engineering.

Experience /Skills:

Candidate must demonstrate eight (8) years experience in design and analysis of nuclear or industrial facilities. Candidate must demonstrate working knowledge of STAAD, ANSYS, ABAQUS, SASSI, DYNA3D or similar computer codes. Candidate must demonstrate working knowledge of National Codes and Standards such as IBC, AISC (ASD, LRFD, & N690), ACI (318 & 349). Candidate must have the ability to walk down systems in the field.

Work Hours:

A 40 hour work week is scheduled. SRS utilizes various work schedules; including 5/8s (8 hours/day; five days per week), 4/10s (10 hours/day; four days per week), and a 9/80s (9 hours/day, five days on week A and 4 days on week B). Work week excludes SRR holidays. Each work day has a 30-minute lunch.

Area Security Access:

A security clearance is not initially required; however, candidate must be capable of obtaining an L clearance if required to perform assigned duties.

8/04/2009