FIRE PROTECTION ENGINEER / AMERICAN ELECTRIC POWER (AEP)
LOCATED: CORPORATE HEADQUARTERS FOR AEP IN COLUMBUS, OHIO 43215

NOTE: This opportunity may be filled at one of the following levels based on Education, related work experience and skills:

Engineer Associate
Engineer
Engineer, Sr.
Engineer Principal

*****Candidates must possess working knowledge of National Fire Protection Association (NFPA) standards and the International Fire Code.

Position Duties:

Provides Fire Protection Engineering support for the administration of the AEP Fire Protection Program. Assists power plant and other business unit personnel with replacement of obsolete fire protection equipment and the installation of new systems.

Assists with acceptance testing of new fire protection systems to ensure that equipment functions as designed and specification requirements are satisfied.

Trains power plant personnel in functional testing of fire protection systems. Provides expertise to power plants and other business unit personnel on fire code requirements, interpretations and resolution of fire equipment problems.

Performs fire hazard analyses for new processes and equipment installations.

Responsible to the assigned supervisor for performing entry-level fire protection engineering work activities and projects requiring the application of engineering knowledge in a safe, effective, efficient and economic accomplishment of assigned objectives.

MINIMUM QUALIFICATIONS;

ENGINEER ASSOCIATE LEVEL
This is the entry level position for new graduates.
A Bachelor’s degree in engineering in a program accredited by ABET*; Individuals with a Master’s or Doctorate degree in engineering may be considered for entry into the organization at this level.

*ABET - Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology. Acceptable alternatives are (1) a Bachelor’s degree in engineering (non-ABET), plus a Professional Engineers (PE) license in any state of the U.S. or (2) a Bachelor’s degree in engineering (non-ABET) plus a Master’s degree in engineering from a university with an ABET accredited Bachelor’s program.
ENGINEER LEVEL
Has typically acquired 2 or more years of related engineering experience along with a Bachelor’s degree in engineering in a program accredited by ABET*; Individuals with a Master’s or Doctorate degree in engineering may be considered for entry into the organization at this level.
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ENGINEER SR.
Has typically acquired 6 or more years of related engineering experience along with a Bachelor's degree in engineering in a program accredited by ABET*; Individuals with a Master’s or Doctorate degree in engineering may be considered for entry into the organization at this level.
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ENGINEER PRINCIPAL
Has typically acquired 10 or more years of related engineering experience along with a Bachelor’s degree in engineering in a program accredited by ABET*; Individuals with a Master’s or Doctorate degree in engineering may be considered for entry into the organization at this level.
*ABET - Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology. Acceptable alternatives are (1) a Bachelor’s degree in engineering (non-ABET), plus a Professional Engineers (PE) license in any state of the U.S. or (2) a Bachelor’s degree in engineering (non-ABET) plus a Master’s degree in engineering from a university with an ABET accredited Bachelor’s program.

Special Skills:
Candidates must have thorough knowledge of Microsoft Office products. Candidates must possess strong technical writing skills.

Candidates must possess working knowledge of National Fire Protection Association (NFPA) standards and the International Fire Code.

Familiarity with applying the principals of hazardous area classification for both combustible dusts and combustible/flammable liquids and gases is desired but not required.

CANDIDATES MAY SUBMIT A RESUME OF INTEREST TO: