

Jessica L. Hartman

January 16, 2026

Acme Corporation

RE: Entry Level Nuclear Engineer

Dear Hiring Manager,

I am writing to express my enthusiastic application for the Entry Level Nuclear Engineer position at Acme Corporation, as advertised on your careers page. With a strong academic foundation in nuclear engineering from the University of Illinois and a keen interest in advancing sustainable energy solutions, I am eager to contribute to your team and support Acme's mission to lead in innovative nuclear technologies.

During my internship at a leading energy firm, I successfully contributed to a project that analyzed the efficiency of a proposed reactor design. By utilizing advanced simulation software, I helped identify potential improvements that increased the projected efficiency by 15%. Additionally, I collaborated with a team of engineers on a safety assessment project where our evaluations led to actionable recommendations that enhanced the safety protocols for ongoing operations. This experience not only honed my technical skills but also taught me the importance of thorough analysis and teamwork in high-stakes environments.

I am particularly drawn to Acme Corporation's commitment to innovation and safety in nuclear technology. I believe my education and hands-on experience, coupled with my dedication to continuous learning, make me a strong fit for your team. I am excited about the possibility of discussing how I can contribute to your projects and help drive forward Acme's objectives. Thank you for considering my application; I look forward to the opportunity to speak with you further.

Sincerely,

Jessica L. Hartman