

Cairo Cristante

Fourth Year Chemical Engineering Student
PEY Student, Chemistry & Environment, Darlington Nuclear

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Ontario Power Generation
700 University Avenue
Toronto, ON, M5G1X6

RE: Engineering and Applied Science Trainee (MP2) (52592)

Dear Hiring Manager,

I am writing to express my strong interest in the Engineering and Applied Science Trainee program at Ontario Power Generation. Throughout my 16-month Professional Engineering Year Internship in the Darlington Chemistry department, I have been impressed by OPG's unwavering commitment to safety, excellence, and maintaining the highest industry standards. I find these values to be personally crucial in the workplace, which is why I wish to continue my professional journey with OPG.

My intended long-term career goals are to attain my Professional Engineering Licence (P.Eng), and contribute to the design of new nuclear systems. After consulting with a current Central Chemistry Trainee, I understand this role provides the engineering support training and experience essential for achieving my P.Eng. Moreover, my passion for nuclear technology, particularly in design, chemistry, and new nuclear applications, directly aligns with the available positions within this program.

As a part of my internship at OPG with Darlington Chemistry, I have gained ample familiarity with governing chemistry principles and practices which maintain and protect system health. With this knowledge I developed station-wide laboratory result reporting tools and advocated for the repair of critical online instrumentation, which has increased visibility of chemical events and chemical monitoring capabilities. Additionally, I facilitated updates to Chemistry Laboratory procedures and governance documents, ensuring adequate standards are maintained and adhered to. As a Trainee, I would continue to push for this high standard of excellence by advocating for station longevity, safety, and performance.

In addition, my work with Chemistry Laboratory in the station, as well as Pickering and Central Chemistry groups, has allowed me to gain exposure to a wide range of station systems as well as understanding of station work group activities. My experience will allow me to provide unique chemistry insight in design roles and deeper understanding of station behaviour in governance roles.

Thank you for considering my application. I have attached my resume and official transcript for your reference. I welcome the opportunity to speak with you further about how I can contribute to the ongoing success OPG's industry leading engineering as a part of the Engineering and Applied Science Trainee role. Please feel free to contact me via email at cairo.cristante@gmail.com or call via +1(647)-968-8060.

Thank you for your consideration,



Cairo Cristante (he/him)

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