

THE GATEWAY

www.thegatewayonline.ca

thursday, 24 january, 2008
volume XCVIII number 29Published since 21 november, 1910
Circulation 11 000
ISSN 0845-356XSuite 3-04
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THE GATEWAY is published by the Gateway Student Journalism Society (GSJS), a student-run, autonomous, apolitical not-for-profit organization, operated in accordance with the Societies Act of Alberta.

THE GATEWAY is proud to be a founding member of the Canadian University Press.

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The Gateway is created using Macintosh computers, HP Scanjet flatbed scanners, and a Nikon Super Cool Scan optical film scanner. Adobe InDesign is used for layout. Adobe Illustrator is used for vector images, while Adobe Photoshop is used for raster images. Adobe Acrobat is used to create PDF files which are burned directly to plates to be mounted on the printing press. Text is set in a variety of sizes, styles, and weights of FENICE, Joanna, Kepler and Whitney. The Manitoban is the Gateway's sister paper, and we love her dearly, though "not in that way." The Gateway's games of choice are Airplane and Redneck Blind Date.

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Jobkin to focus on part-time jobs

JOBKIN • CONTINUED FROM PAGE 1

After the trial period ends, the three student associations will begin marketing the site more and charging for postings come April or May, when the site is officially launched.

"So far, we've been marketing it to a lot of our suppliers; marketing it within our tenants [...] we haven't really pushed hard so far," Gamble said.

"The marketing is going to hit full tilt within the next week."EAMONN GAMBLE
SU VP (OPERATIONS & FINANCE)

"The marketing is going to hit full tilt within the next week," he said. "Because we'll then have a firm deadline of how long the free trial period is going to be, and have a better idea of how many people are going to be using it."

However, while the SU hasn't been marketing the site exhaustively, the initial interest from both employers and students has still been quite good. As Gamble noted, one employer posting on the site had three applications within the first day of its posting and from those hired a student.

"The response has been positive so far, but it's way to early to be sure."

Expert weighs in on nuclear power

Experimental designs and waste management hot topics for Dr Edwards

TOM WAGNER
News Staff

On 16 January, Dr Gordon Edwards, an expert on nuclear energy and the President of the Canadian Coalition for Nuclear Responsibility, came to the University of Alberta campus to discuss a recent proposal to bring nuclear energy to Alberta—as well as the many serious problems it could bring along with it.

The first of these problems, according to Edwards, is the proposal by the upstart Alberta Energy Corporation to build a 2200-megawatt plant containing two Advanced CANDU reactors on Lac Cardinal, 30km west of Peace River. His concern lies in the fact that these reactors are an experimental design, having never been built anywhere in the world.

"They're basically conducting an experiment by building these reactors here in Alberta," Edwards said. "It's convenient that they're building them here so they can work out the wrinkles before selling them elsewhere."

As Edwards explained, one of the challenges of nuclear energy production is the creation of radioactive waste. According to him, nuclear reactors produce both radioactive tritium and carbon-14 during normal operation, which are subsequently released into surrounding bodies of water.

But the bigger issue, Edwards said, is that these reactors also produce highly radioactive waste called fis-

sion products that are so radioactive they produce intense heat and must be stored in cooling ponds for at least seven years before disposal.

"The fission products are so hot and radioactive, a single spent bundle would kill a human being in 20 seconds from the distance of a metre," Edwards said.

"The fission products are so hot and radioactive, a single spent bundle would kill a human being in 20 seconds from the distance of a metre."DR GORDON EDWARDS
NUCLEAR ENERGY EXPERT

He added that the greater problem is that this waste remains extremely radioactive for tens and thousands of years and must be stored somewhere—a major problem for Hugh MacDonald, Liberal MLA for Edmonton-Goldbar and his party's energy critic.

"No one has agreed to store the radioactive waste on a long-term basis," MacDonald said. "Long after you and I are gone off this planet, who is going to store the waste permanently and where?"

For MacDonald, there are far too

many unanswered questions to seriously consider building reactors in Alberta. He said we don't even know whether there is enough water in Lac Cardinal to sustain these two reactors, which according to Edwards would use about 57 billion litres per year.

Like MacDonald, the Conservatives have many questions concerning nuclear energy, but according to Jason Chance, the spokesman for Alberta Energy, they're attempting to gain clarity on the situation.

"The Alberta government doesn't have a position on nuclear energy at this point, and what we're doing is studying the issue, and that includes all of the different issues related to nuclear energy," Chance said.

Both Chance and MacDonald, however, were quick to point out that while Alberta, as a net importer of energy, needs a new generator now, a reactor would take at least a decade to build, making it far less useful as a solution to our present problems. According to MacDonald, the reactors wouldn't be used for Alberta's energy needs, but instead for export.

"The government here—and they want to be very quiet about this—have a grand plan to export large volumes of electricity from Alberta to the Pacific Northwest and California," MacDonald said. "Why should we turn ourselves into the ashtray of North America for electricity exports?"

STREETERS

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"Maybe if I was more ambitious, but at the current time of my life, jobs aren't that high a priority. I'm about to graduate, for now, I'm happy to just do next to nothing."

"I guess so, for lazy people. I would use it because I'm lazy. [It's funny because the last person said that he was too lazy to use it.] I guess you need that peak level, like if you have a normal curve. If you're an outlier, you're either motivated enough to find your own job, or you're too lazy to get a job at all."

"No and no. I don't work. I don't know enough about it. Lots of people don't even live here."

"I don't like to find jobs online. I prefer to actually go and talk to someone at an employment centre or something. I like to go and see who's hiring and actually talk to people one-on-one."

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