

BRUCE A RESTART

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SELF-SERVE TOOL CRIB TRACKS RAD INSTRUMENTS

BY ROB LIDDLE
staff writer

AMEC NCL, Project Management Contractor (PMC) for Bruce A Units 1 and 2 Restart, has acquired a new automated tool crib for keeping track of portable radiation instruments.

"The Cribmaster, made by WinWare, is an inventory, dispensing and control program which monitors possession and tracking of the radiation equipment," said Arif Khan, Radiation Protection (RP) Manager.

"The software is also used to inventory all the large main monitors and items. It can flag the maintainer when stocks are low and can analyze and print out spreadsheets for accounting and documenting purposes."

The system uses 136 lockers that can

be accessed with proximity cards by approved users. Cribmaster keeps track of the user as well as when the instrument is issued and when it is returned.

"We expect it to be fully in service later this week or next," said Bruce Whalen, RP Instrument Supervisor. "We're now loading the portable instruments into it and doing some final instruction with the RPAs [Radiation Protection Assistants] on how to use it."

Located on the third floor (615' elevation) of Unit 2, the Cribmaster is located near the new Radiation Protection office which is also being prepared for occupancy. PMC has approximately 60 RPAs who will have ready access to the instruments.

"It is being looked at for different areas, as well," Bruce said. "The people



PMC Radiation Protection Field Supervisor Jack Burt tries out Cribmaster to obtain a radiation instrument. The new system for Radiation Protection personnel is expected to be fully in service by next week.

who work with pressure boundary equipment are very interested in it and so is the tool management team on site."



The Unit 2 reactor vault is undergoing a massive clean-up to ensure the area is contamination-free and ready for the fuel channel replacement crews.

The reactor operated inside the 30-year old vault from 1976 until 1995 when it was laid up by Ontario Hydro.

The cleanup is expected to be completed by October.

The cleanup also continues outside the vaults. This week the entire accessible 663' elevation areas in Units 1 and 2 were rezoned from Zone 3 to Zone 2. Zone 2 areas are normally free of contamination, whereas Zone 3 areas are more susceptible to sources of exposure for employees.

photos this page by PMC Radiation Protection

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Above left: Comstock Canada crews working for SNC-Lavalin Nuclear have their work cut out to clear the paths that are required for replacing the steam generators. This photo shows the top of the west steam drum enclosure in Unit 1. (Each unit at Bruce A has two steam drums.) Once the interferences are removed, the steam drum will be set aside to allow the old steam generators to be exchanged out through the roof for new vessels.

Above right: a gigantic Mammoet crane is taking shape on the north side of Bruce A in preparation for the steam generator replacement project in Units 1 and 2. It has been arriving in pieces from the Athabaskan Oil Sands over the last several weeks and is being assembled on site at a rapid pace. Babcock & Wilcox is manufacturing the new steam generators at its Cambridge plant and SNC-Lavalin Nuclear has the contract to change them out. The third of the 16 new vessels arrived ahead of schedule this week.

Below: Ontario Power Generation is making progress on the new buildings at the Western Waste Management Facility to house the old steam generators from Bruce A. The Steam Generator Storage Building, to the left, shares a wall with the Retube Waste Building. SNC-Lavalin Nuclear will deliver the old steam generators from Units 1 and 2 to the waste facility as the vessels are replaced.



Wanted: good ideas and suggestions

The Bruce A Units 1 and 2 Restart Project has launched a new Green Card program called TIPS – Target Improved Performance Suggestions – to collect and implement good ideas.

Contractors, project staff and Bruce Power support staff associated with the project are encouraged to use Green Cards to submit suggestions for improving performance in regard to safety, work processes, field conditions, scheduling, and so forth.

Green Cards are located at access points of the Construction Island and other project areas. Ideas can also be submitted electronically by emailing 1-2 Restart: Green Card. An automated submission feature is in development and is expected to be available on the Restart Intranet in September.

Electronic submissions are automatically delivered to Andrew Johnson, Executive Vice President, Projects; Kevin Routledge, Project Director; Dwight Houser, Deputy Project Director; Dave Mullen, Manager of Risk, Quality Assurance, Information Technology and Communications; and Bill Walker, PMC Communications Officer.

Every suggestion is to be reviewed within 48 business hours by the PMC Communications Officer who will identify the significance level and forward it to the appropriate project contact for evaluation. Weekly, monthly and quarterly reports of ideas and actions are to be provided to the Project Director, PMC Lead Team and Bruce Power.

Watch for additional information in upcoming issues of *The Point* and in PMC's *Restarter*.



Bill Walker is the first contact for Green Cards and assessing the significance level of suggestions.