

## Memo

Date: 4/29/10

To: D. Beavis, A. Drees, R. Karol, E. Lessard, T. Satogata, V. Schoefer.

From: P. Bergh

**Subject: Results of Surveys Performed During RHIC Low Energy Operation.**

The following survey results were obtained during RHIC low energy operation.

- Four separate surveys were performed on Thompson road above the X & Y arc during RHIC fill. The surveys were performed utilizing an HPI 1010 instrument. Readings during all surveys performed were <50 urem/hr. See attachments 1 – 4 for detailed survey results.
- Two surveys were performed adjacent to the 1008 gas house during a RHIC store. The surveys were performed utilizing an HPI 1010 instrument. Readings during both surveys indicated <50 urem/hr. See Attachments 5 & 6 for detailed survey details.
- A survey was performed at the 8GE1 gate and adjacent office space. The survey was performed utilizing an HPI 1010 instrument. The survey indicated <50 urem/hr. See attachment 7 for detailed survey results.
- Surveys were performed at building 1000P pump room/heat exchanger. The surveys were performed utilizing a Ludlum 19 instrument. Surveys indicated low level increases in the range of 4 -5 uR/h in the immediate area. See attachments 8 – 10 for detailed survey results.

During the next scheduled shutdown additional surveys will be performed in the RHIC primary at the collimators, abort kickers and injection area.

[Attachment 1](#)

[Attachment 5](#)

[Attachment 9](#)

[Attachment 2](#)

[Attachment 6](#)

[Attachment 10](#)

[Attachment 3](#)

[Attachment 7](#)

[Attachment 4](#)

[Attachment 8](#)