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Reviewed by: D. Beavis

Date: 1/15/08

Approved by: [Signature]

D. I. Lowenstein

Date:

1/16/08

**AtR RSC Check-Off List for Protons Produced by the Polarized Proton Source, to be Transported to the W-Dump only**

**Completion of this AtR RSC Check-Off List is a prerequisite for transporting proton beam, produced by the polarized proton source, down to the W-dump.**

This polarized proton run is a continuation of the Au\_Deuteron run\_2008.

No changes have been in the AtR line during the transition from the Au\_Deuteron run to the pp run. Therefore the AtR line is ready to accept the polarized proton beam.

1. \_\_\_\_ (SGL) PASS tests complete for running beam to the W-line dump.
2. \_\_\_\_ (IGH) The AGS B15 Current transformer is functional and will allow an upper limit of  $2.5 \times 10^{12}$  protons per AGS cycle.
3. \_\_\_\_ (MCR) Procedure in place to limit the number of protons lost in the Injection arcs (X,Y) of AtR to less than  $1.7 \times 10^{13}$  in an hour.  
In order to relate proton limit to Au limit in C-A TPL 01-15;  $1.7 \times 10^{13}$  protons in one hour is equivalent to  $1.7 \times 10^{11}$  Au ions in one hour.
4. \_\_\_\_ (LPAtR) When all items of this AtR List have been completed the AGS may accept polarized proton beam, which can be extracted and transported to the W\_Dump
18. \_\_\_\_ (OC) List completion verified by on-duty operations coordinator.

**Now proton beam may be extracted from the AGS to the W-line beam dump.**

ES&H Env. and Safety Coord. A. Etkin  
IGH Instrumentation Group Head (Thomas Russo)  
RCD: Radiation Controlled Division (D. Ryan or designate)  
LEUdown) J. Scaduto  
LEUup: D. Phillips  
LEW: D. Phillips  
LEV: C. Pearson  
LPFEB: N. Tsoupas  
LPU: N. Tsoupas  
LPV: N. Tsoupas  
LPW: N. Tsoupas  
LPRHIC: A. Drees  
MCRGL: MCR Group Leader: Peter Ingrassia (or designate)  
RSC: Radiation Safety Committee member  
RSCC: Radiation Safety Committee Chairperson: D. Beavis or designate  
SEP: AGS S&EP representative  
SGL: Security Group Leader J. Reich (or designate)  
OC: Operations Coordinator  
ACG Access Control Group (J. Reich or designate)  
RCT Radiation Control Technician