BROOKHAVEN NATIONAL LABORATORY
MEMORANDUM

RHIC

Date: May 19, 1998
To: Distribution
From: Roy Heyder
Subject: Minutes - ASSC PASS subcommittee May, 19 1998 re: Action items & 1012 state table review

Members Present: R. Frankel, R. Heyder, W. Mac Kay, T. Robinson, S. Musolino

1012 state table discussions:

1. Beam stop operation in NA mode (24) was discussed. Rows that are the normal withdrawn state for G12-bsx.1, 2 and 3 are being removed, there is no system response to these conditions. The row labeled normal (1st row) shall indicate injection critical devices are enabled, permit link is enabled, primary beam stops G12-bsx.1 and 2 are withdrawn. A note 17 was added indicating what is referred to as withdrawn. Note 17 Withdrawn means that out switch = T and in switch = F. The 3sec. delay associated with the detection of out switch = F and in switch = F was viewed as not necessary and is being deleted. The three rows associated with G12-bsx.3 are being combined into one row with the same response. The new row for G12-bsx.3 labeled G12-bsx.3 not withdrawn has the response that injection and permit link are disabled and G12-bsx.1 and 2 are inserted and the system shall go to mode 2.

2. The critical devices for RHIC injection reachback were discussed. As of this date the RSC has not approved the signals called AGSE1 and AGSE2 as the injection reachback device. This item is being made an action item for the RSC to answer.

3. The critical devices for P23 in 921 were briefly discussed and it was noted that as of this date the RSC has not approved the signals called AGSE1, AGSE2 or AGSRBE1, AGSRBE2 or their readbacks. This item is being made an action item for the RSC to answer.

4. Remote reset was reviewed again and was agreed that it shall be allowed only in mode 16, it was noted that this decision is no different from the last time this was reviewed.

5. The state of the reachback beamstop G12-bsx.3 was discussed and is now required to be withdrawn to come out of SA mode (2)

6. RHIC Action items were reviewed with the following results;
   A) 98-RC-3 was noted as in progress and waiting for a memo from R. Frankel.
   B) 98-RC-4 was noted as in progress and waiting for a memo from R. Frankel.

7. AGS Action items were reviewed with the following results:
   A) 98-AGS-2 was closed the Udn primary critical devices are Ud12ac, dc and H10
Action Items:

**Action AGS**

1. The signals AGSE1, AGSE2, AGSRBE1 and AGSRBE2 need to be defined and approved for use in the three 921 PLC systems. AGSE1 and AGSE2 are currently proposed to be the reachback device for the G-2 PLC system peer 3, Udn PLC system peer 25 and is the primary device for Uup PLC system peer 23. AGSRBE1 and AGSRBE2 are currently proposed to be the reachback device for Uup PLC system peer 23.

**Assignee** RSC

**Action RHIC**

1. The signals AGSE1 and AGSE2 need to be defined and approved for use as the reachback device for RHIC injection.

**Assignee** RSC

Approved:

[Signature]

T. Robinson, ASSC PASS Subcommittee

**Distribution:**

A. Elkin  
R. Frankel  
R. Heyder  
P. Ingrassia  
S. Kane  
W. Mac Kay  
A. Mc Geary  
S. Musolinio  
J. Reich  
T. Robinson

**cc:** ASSC Pass subcommittee (M. Gavigan)  
K. Reece  
M. Campbell