BROOKHAVEN NATIONAL LABORATORY
MEMORANDUM

Date: June 23, 1998
To: Distribution
From: Roy Heyder
Subject: Minutes - ASSC PASS subcommittee June, 23 1998 re: 1010B fan/vent Operation, Gate Validation Test Procedure

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

Action Items
RHIC: a) Add new item (98-RC-12) Can manual fan control ON/OFF push button for the CCW side of the 12 o'clock Gas barrier be added to plant engineering installation. Heyder.
AGS: None

Review of 1010B fan/vent operation

1. Pg. 3 Row "ODH Sensor 9AS1": delete requirement of 9AV2 and 9AV3 Open and add requirement of 9AV4 Open.

2. Pg. 3 Row "ODH Sensor 9AS2": delete requirement of 9AV3 Open and add requirement REQ to P17 for 9AV1 On.

3. Pg. 3 Row "Two or more of 9AS1 or 2 ODH sensors, or any one for 10 minutes or more": Add requirement 10XEF1 and 10XEF2 On, 10XAV1 and 10XAV2 Open.

4. Pg. 3 Row "ODH Sensor 10XAS1": Add requirement 10XEF2 On and add requirement 9AV4 Open.

5. Pg. 3 Row "ODH Sensor 10XAS2": Add requirement 10XEF1 On and add requirement 9AV4 Open.

6. Pg. 3 Row "Two or more of 10XAS1 or 2 sensors, or any one for 10 minutes or more": Add requirement 9EF2 On, 9AV2 and 9AV3 Open and REQ to P17 fans on & vents open On.

7. Pg. 3 Row "ODH Sensor 10AS1": delete requirement 10AV3 Open.

8. Pg. 3 Row "ODH Sensor 10AS2": delete requirement 10AV3 Open.
9. Pg. 4 Replace all occurrences of CA with NA and RA with CA, add rows for CA that require sweeps to be valid before an electric device is enabled.

**Review of 1002B fan/vent operation**

1. Pg. 3 Row "ODH Sensor 1AS1" delete requirement for 1AV3

2. Pg. 3 Row "Two or more of 2XAS1,2 or 3 sensors, or any one for 10 minutes or more" add requirement that 2EF1,2 and 3EF1 On, 2AV1,2 and 3AV1 Open.

3. Pg. 3 Row "Two or more of 2AS1,2,3 or 4 ODH sensors, or any one for 10 minutes or more" delete requirement of 2XEF1 On and delete requirement of 2XAV1,3 Open.

**Review of 1012A fan/vent operation**

1. Pg. 3 Row "ODH Sensor 12AS2" delete requirement 12AV1 Open.

**General Discussion**

a) The fan and vent operation at 1010B was discussed in detail. The changes made above are an attempt to simplify testing and the software required to implement a safe system. The manual controls for 1010B were reviewed and found to be sufficient.

b) The fan and vent operation at 1002B was discussed in detail. The changes made above are an attempt to simplify testing and the software required to implement a safe system. This was also an attempt to make the 1010B and 1002B system response as similar as possible. The manual controls for 1002B were reviewed and found to be sufficient.

c) The fan and vent operation at 1012B was discussed in detail. There was a requirement to add an additional set of manual fan controls on the CCW side of the experimental area Gas barrier. This addition of the fan controls will require a change to the current system being installed and will be a action item for Heyder to see if the required controls can be added to the plant engineering installation. The changes made above was an attempt to simplify the software required to implement a safe system.

d) The Gate validation procedures will be reviewed at a future meeting.
Approved: [Signature]
T. Robinson, ASSC PASS Subcommittee

Attachments: Action item list for RHIC and AGS

Distribution:

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

cc: M. Gavigan (ASSC Pass subcommittee Files)
    K. Reece (w/o attachments)
    M. Campbell (RSC Files) (w/o attachments)