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C-A OPERATIONS PROCEDURES MANUAL

16.4.13 FES RHIC Berm Inspection / Tour After Rain

(Collider Accelerator Support Group Procedure A.13.0)

Note: This document was formerly a C-A Group Procedure. The content of the group procedure was reviewed by the Technical Supervisor. All approvals and/or issue dates of the original group procedure are maintained for present use.

Hand Processed Changes

<u>HPC No.</u>	<u>Date</u>	<u>Page Nos.</u>	<u>Initials</u>
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Approved: _____ *Signature on File* _____
Collider-Accelerator Department Chairman Date

W. Anderson

Collider Accelerator Support Group
Procedure A.13.0
Original Issue Date: 04/17/00
Revision 00

FES PROCEDURES AND INSTRUCTIONS

DATE: April 17, 2000

ISSUED BY: W. Anderson

SUBJECT: FES RHIC Berm Inspection / Tour After Rain

1. Purpose

- 1.1 To inspect the RHIC berms periodically or after a heavy rain storm for possible signs of erosion.
- 1.2 To provide notification to the ESH/QA Division Head or his Deputy of suspected erosion.

2. Responsibilities

- 2.1 The CAS Watch Supervisor shall implement this procedure at least once per quarter or after heavy rains have subsided or within one working day after a heavy rain fall. The CAS Watch Supervisor shall determine when an inspection after a heavy rain is necessary.
- 2.2 All CAS Watch Technicians who have been familiar with the RHIC berm geography are responsible for being able to carry out this procedure.

3. Prerequisites

None

4. Precautions

- 4.1 If deemed necessary, obtain a 4 wheel drive vehicle from the survey group to check the outside berms of the RHIC ring.

5. Procedure

- 5.1 After the heavy rains have subsided or within one working day of a heavy rain, inspect the inside and outside berms of the RHIC tunnel for suspected signs of erosion. [Photographic examples of erosion are kept on a 3-1/2" floppy disk labeled 'RHIC Berm Erosion' in the FES office]
- 5.2 If there are suspected signs of erosion, contact the ESH/QA Division Head or his Deputy. Notify him of the location or locations of the suspected trouble areas. The phone numbers can be obtained from the CAD Operations WEB page.
- 5.3 A record of each inspection shall be recorded by an entry into the Facilities and Experimental Support CAS Watch Log.

6. Documentation

None

7. References

7.1 A300 Book - RHIC Facility Earth Shield as Built Drawings

8. Attachments

None