

Advanced Photon Source

User Policies and Procedures

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Storage Ring Access for Emergency Repairs

Changes made in this revision:

- Added ASD/ADD and APS/Deputy ALD-Accelerators to approval chain

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AES/DD

APS/Deputy ALD, Accelerators

APS/Deputy ALD, X-ray Science

APS/Director

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Storage Ring Access for Emergency Repairs

POLICY

If an ID or front-end fault prevents a beamline from conducting normal operations, but has no operational impact on the storage ring or presents no safety implications to the facility or personnel, any access to the ring to diagnose and repair the fault will be made under the following conditions:

1. If there is a machine intervention period planned within 72 hours of the time the fault occurs, then any access will occur during the machine intervention period.
2. If there is not a machine intervention period within 72 hours of the fault, then beamline personnel, having demonstrated a significant scientific impact due to the fault, may request an access starting at 4:00 a.m. with exit from the tunnel at a time that will allow beam injection by 7:00 a.m. Such a request must be made by noon on the day prior to the access. If the problem is well understood and the APS agrees that a three-hour intervention period is sufficient to solve the problem, then, upon approval, the APS will notify users of the access by 3:00 p.m. of the day prior to the access and the work will be coordinated at the daily 4:00 p.m. MCR meeting.
3. The AES Director or designee will review and approve all such repair requests.

FEEDBACK AND IMPROVEMENT

If you are using this procedure and have comments or suggested improvements for it, please go to the [APS Policies and Procedures Comment Form](#)^{*} to submit your input to a Procedure Administrator. If you are reviewing this procedure in workflow, your input must be entered in the comment box when you approve or reject the procedure.

Instructions for execution-time modifications to a policy/procedure can be found in the following document: Field Modification of APS Policy/Procedure ([APS 1408152](#)).

^{*} http://centraldocs.aps.anl.gov/comment_form.php