Minutes of meeting: Radiation Safety Committee, sub-committee.

Date: Tuesday 13 June 1995


Subject(s): Shielding plans and schedule.

Those items discussed in the RSC meeting of 13 June 1995 regarding AGS and SEB area shielding were reviewed for assignment of priorities and schedules. Some of these shielding modifications may be deferred until the period between the HIP and HEP programs in FY96. Comments are specific to those items in the previous meeting minutes.

AGS ring:
1.1 South Plug Door: [> HIP] concrete labyrinth.
1.2 North Plug Door: [> HIP] concrete labyrinth, (+ fault study).
1.3 I13 - 15 "in-ring" blocks will stay in place.
1.4 & 1.5 Target Building North Catwalk and Northwest Corner Target Building: Proposal by A. Pendzick and W. McGahern to the RSC Chair by 7 July 1995.
1.6 SEB extraction "in-ring" shielding will stay in place.
1.7 Siemens trench: 4ft light concrete will be placed in this trench.
1.8 AGS ring and "D" corral seam: defer for now.

SEB areas:
2.1 Trench#2: will be packed with sandbags and steel bags. Other trenches may have similar shielding added if time permits.
2.2 C3 target gate: a new design is in progress for this labyrinth and will be re-built during the summer shutdown, (noted: simply moving the access gate further outside would provide x3 reduction in pulsed radiation).
2.3 SEB SWYD trenches: same as 2.1.
2.4 "D" gate trench: a shielding block will be placed in this trench.
2.5 "A2" beam dump: QF measurement with present additional shielding indicates area is in compliance; no action needed.
2.6 "A3" beam dump: liaison physicist and/or liaison engineer should document the one survey measurement of several mrem/hr.

2.7 "B5" neutral beam dump: liaison engineer (J. Scaduto) will submit a design proposal for roof shielding to the RSC by 1 August for review.

2.8 "C3" water manifold: a shield wall will be built in front of the water manifold outside of the C3 beamline as part of the C/C3 cooling water heat exchanger project this summer.

cc: RSC file
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