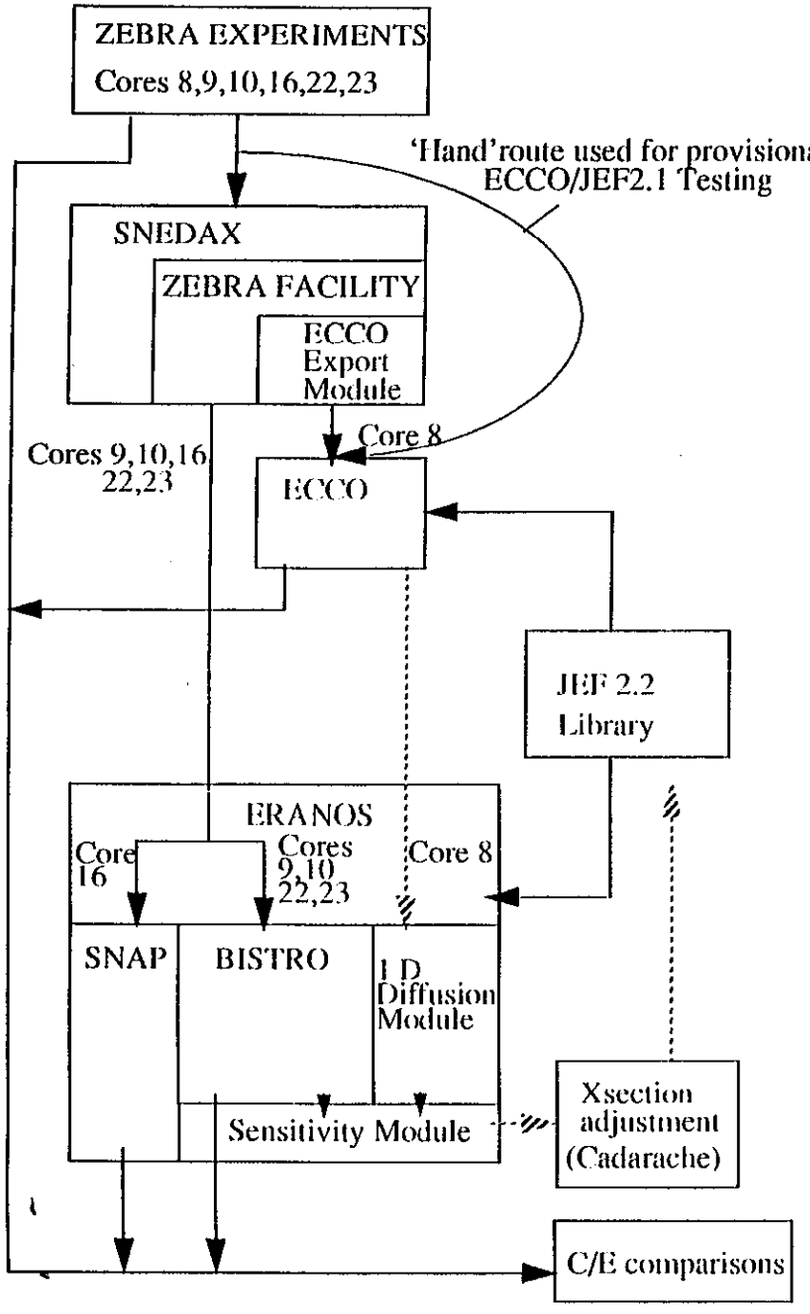
ZEBRA BENCHMARKING

PROPOSED ROUTE



CURRENT STATUS/AVAILABILITY

Plate, Cell and Element Data is currently being loaded into SNEDAX by SCHROEDER Assembly Data for Cores 8,9,10 has been re-formatted at Winfrith and awaits arrival of definitive SNEDAX/ZEBRA Module. Discussions with ROWLANDS and FORT at Cadarache identified cores 22 &23 as being of particular interest for sensitivity studies related to Oxygen cross-sections. Core 16 identified as of interest for control -rod studie

Basic SNEDAX Database loaded at Winfrith in1991. SNEDAX Modules for ZEBRA and ECCO Export currently being written by SCHROEDER. Expected completion in Mid-May.

Latest version of ECCO installed and undergoing tests at Winfrith. Earlier problems related to array sizes appear to have been resolved. Provisional calculations using JEF2. and FGL5 data show good agreement.

JEF2.2 will be ready by early July 1992 and should be installed at Winfrith before the end of that month.

The current planning is that ERANOS will be installed at the same time as JEF2.2. The BISTRO, 1D Diffusion and Sensitivity Modules are existing ERANOS Modules. An ERANOS version of SNAP is currently being tested at Risley.

C/E comparisons for core 8 using ECCO and JEF2.1 have been reported in PPWG Progress Reports during 1991/92.

ZEBRA BENCHMARKING Planning for 1992/3