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Damage Analysis and Fundamental Studies

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Irradiations were performed for thirteen different experimenters during this quarter.	
A new modular building was completed; it provides office space for Japanese scientists as well as some RTNS-11 personnel. Dedication will take place in early February.	
The RTNS-11 Steering Committee Meeting will be held February 10 and 11, 1983.	
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The first version of a standardized dosimetry and damage data computer file (DOSFILE), covering 17 recent irradiations at ORR, HFIR, EBR-11, Omega West, CP5, HFBR, and IPNS, was completed.	
Copies of the data file and retrieval programs will be made available to interested parties for testing.	

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The maximum fluence inside the capsule after 406 full power days was 1.76 x 10^{22} n/cm^2 producing 4.67 dpa and 63 appm He in stainless steel (13%Ni). The status of all other experiments is summarized.

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