

Tets

Floral / Fuller ~~26/10/73~~ 23/5/74
Anvil / Baran Banon 26/8/76

Cresset / Fondutta 11/4/78
Quetsiva / Quargel 18/4/78
" Nessel 29/8/79



	<u>Test</u>	<u>Rein</u>	<u>Prepoe</u>		
[Apr 78 - Cresob / Fonduta			High speed 47	
	20 Nov 78 - Quicksilver / Quangel			47 lbs	
	Aug 79 - Quicksilver / Nessel	Diesel		for success system	
	Apr 80 - Tüdebox / Colwich	Diesel			
	Oct 80 - Guardia / Dulten			< 20 lbs	LANL
	Dec 80 - Guardia / Senpa				Cherish
	Nov 81 - Praebonan / Paurane				
	Apr 82 - Praebonan / G-bone				
	Apr 83 - Phalanx / Armada			< 20 lbs	
	May 84 - Funder / Mondo				
	Dec 84 - Guardia / Eymas				

europium - neutron absorber
 dysprosium - high thermal neutron absorber - reactor control rods
 erbium - " "
 gadolinium - highest neutron capture - but rapid burn out
 - used in nuclear marine propulsion
 - used in neutron radiography
 - prepared by ion exchange + solvent extraction
 \$130/kg
 lutetium - \$100/g
 - separated by ion exchange; then reduced with alkali

intended

A - solvent - dissolved - filter - pour through filter
 +
 B - redissolved - reformed