

Figure 7-1 Fuel Handling System

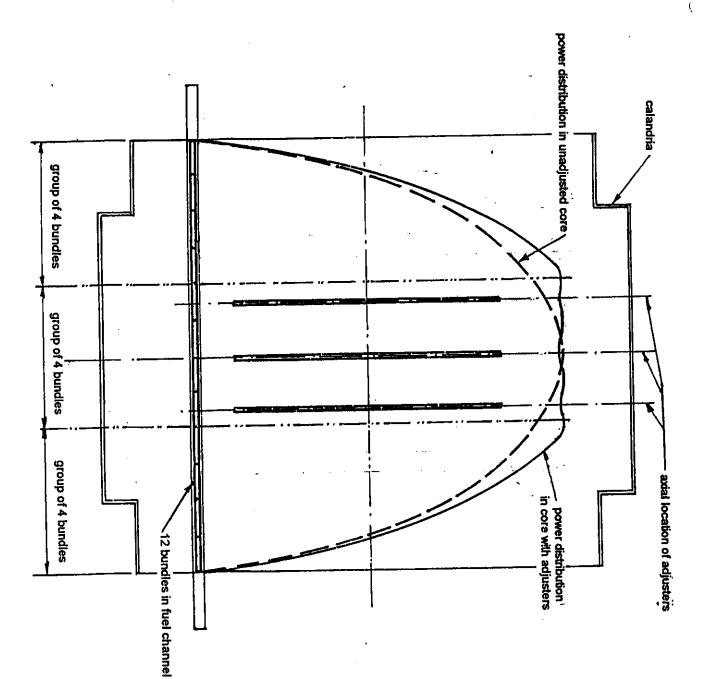


Figure 7-2 Axial Power Distribution in a Fuel Channel

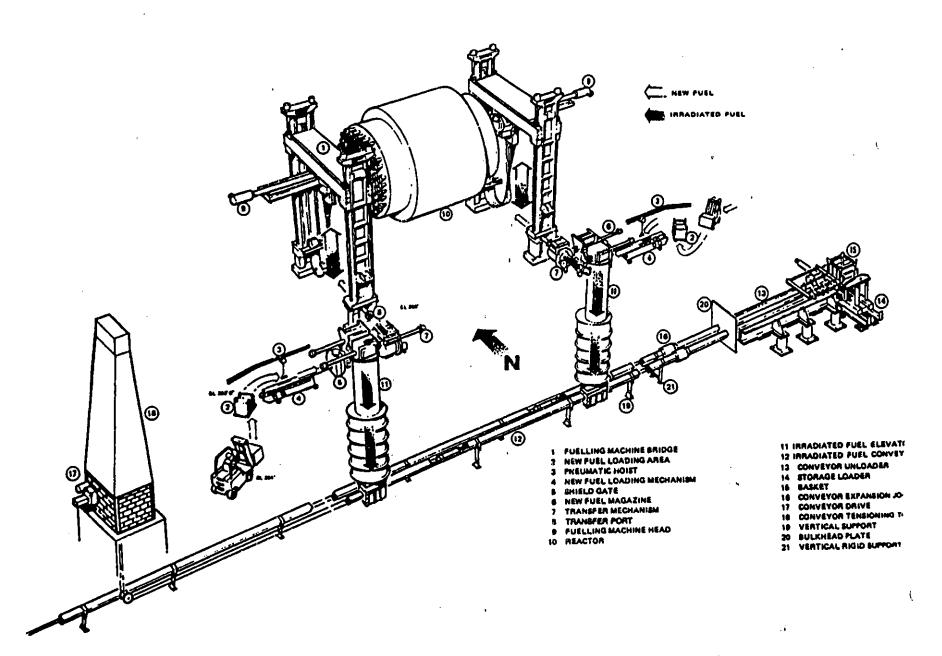


Figure 7-3 Pickering GS 4-Unit Plant and Fuel Handling Lay-out

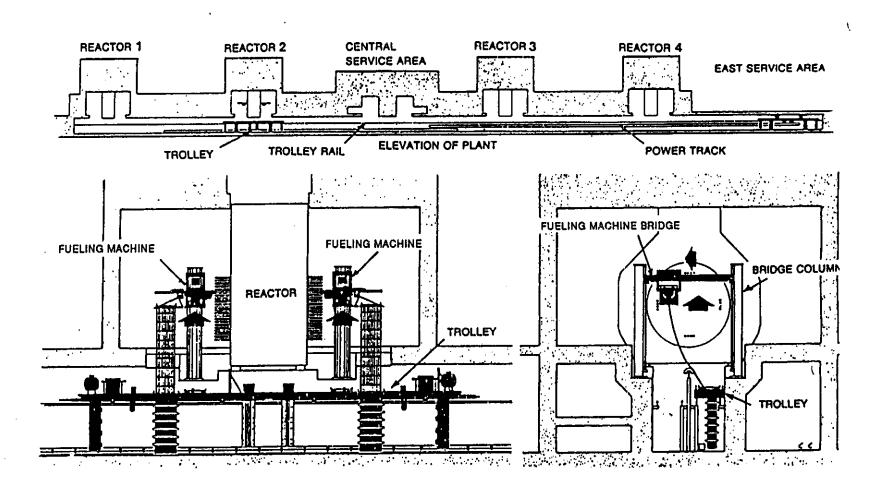
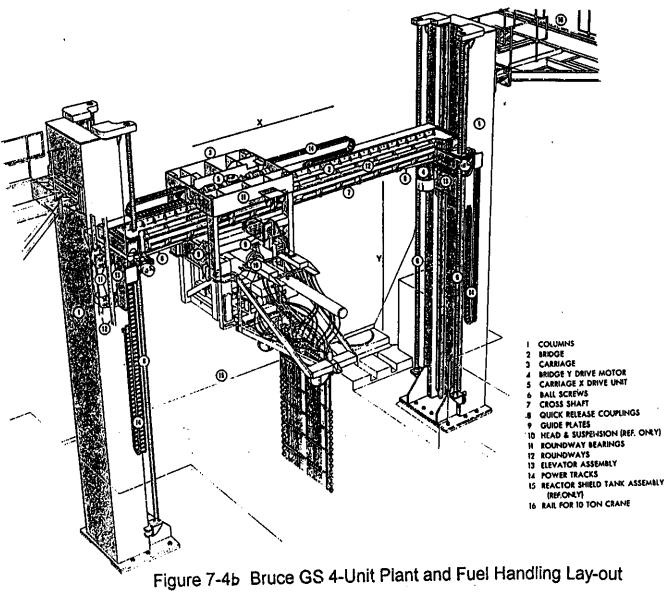


Figure 7-4a Bruce GS 4-Unit Plant and Fuel Handling Lay-out



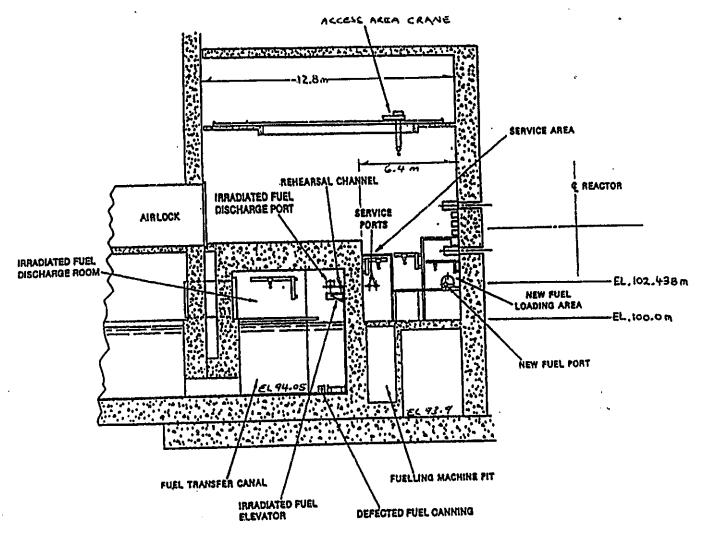


Figure 7-5 Fuel Handling System - Section S1

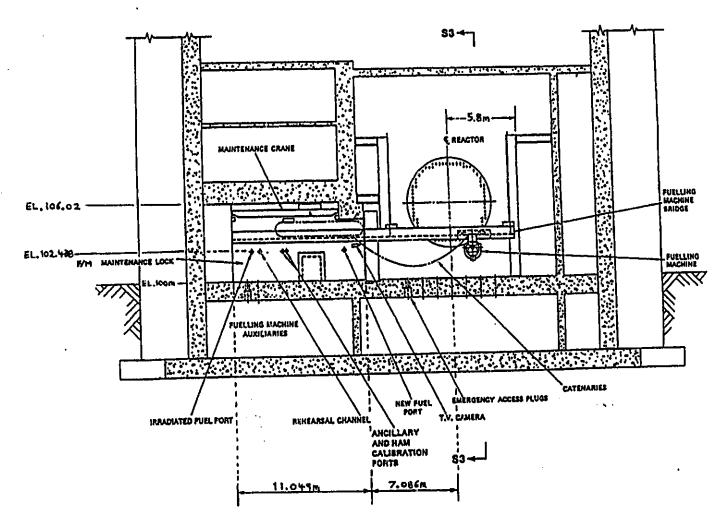


Figure 7-6 Fuel Handling System - Section S2

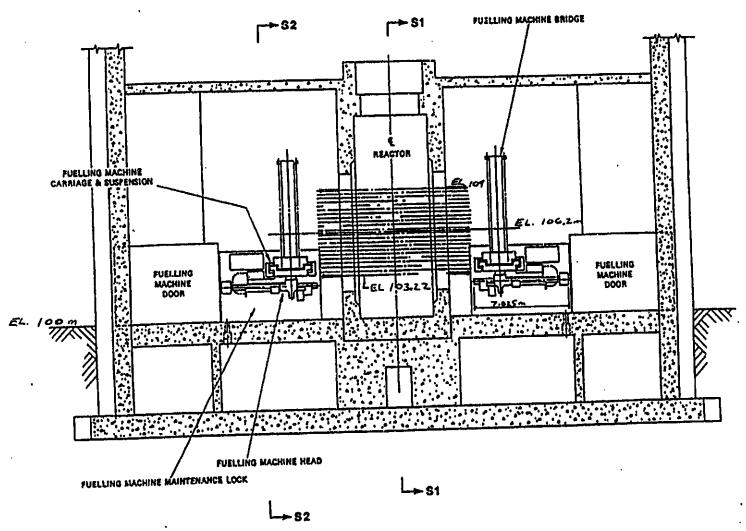


Figure 7-7 Fuel Handling System - Section S3

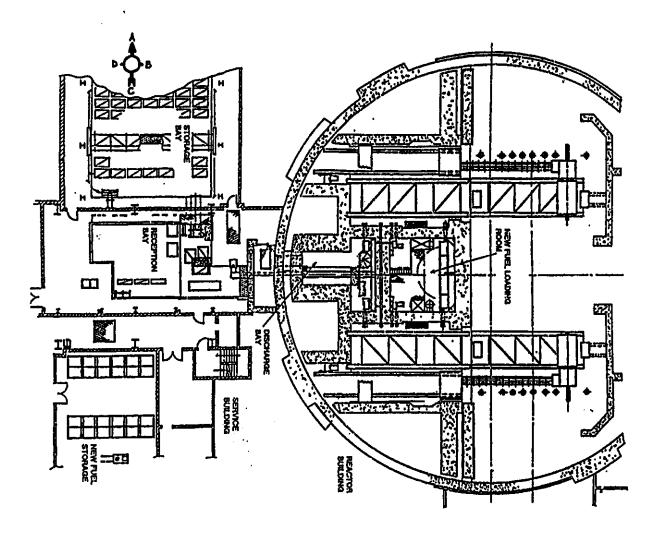
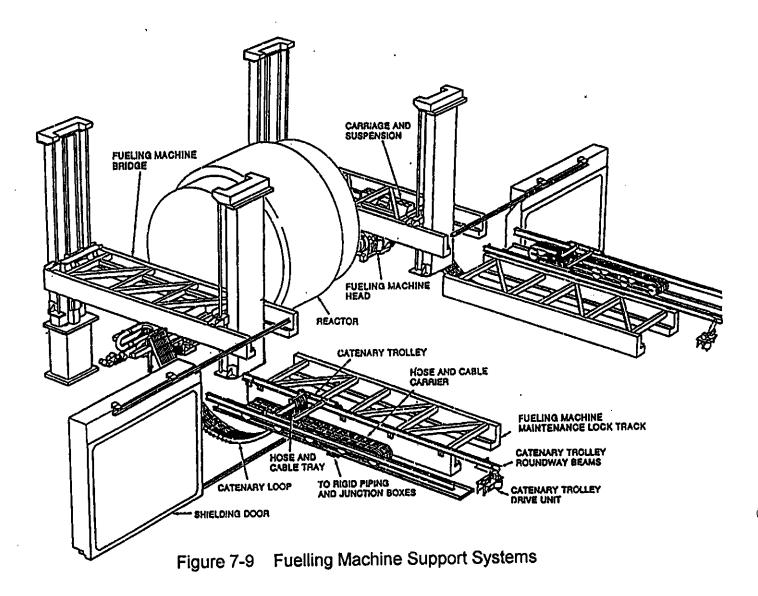


Figure 7-8 New Fuel and Irradiated Fuel Layout



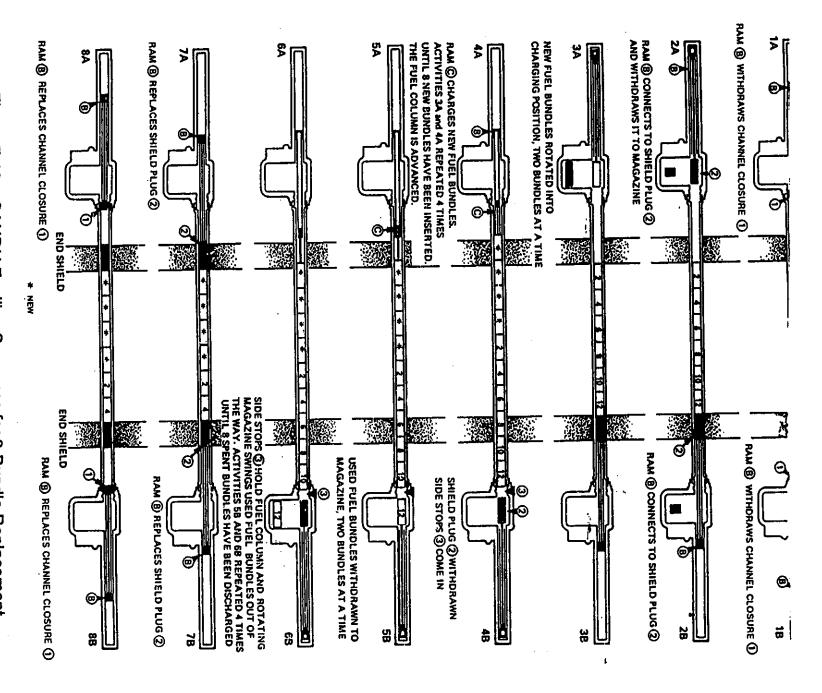


Figure 7-10 CANDU Fueiling Sequence for 8-Bundle Replacement

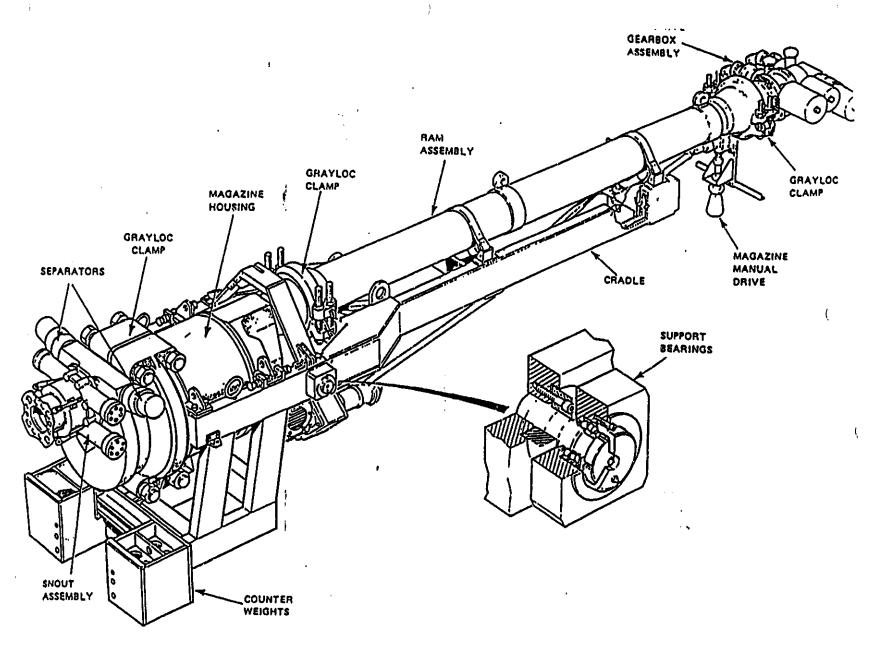


Figure 7-11 CANDU Fuelling Machine Head & Carriage

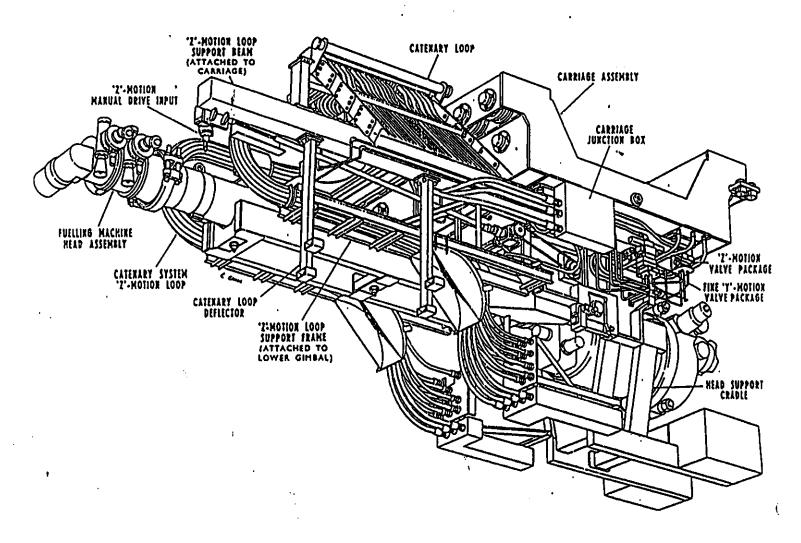


Figure 7-12 Carriage/Fuelling Machine Assembly

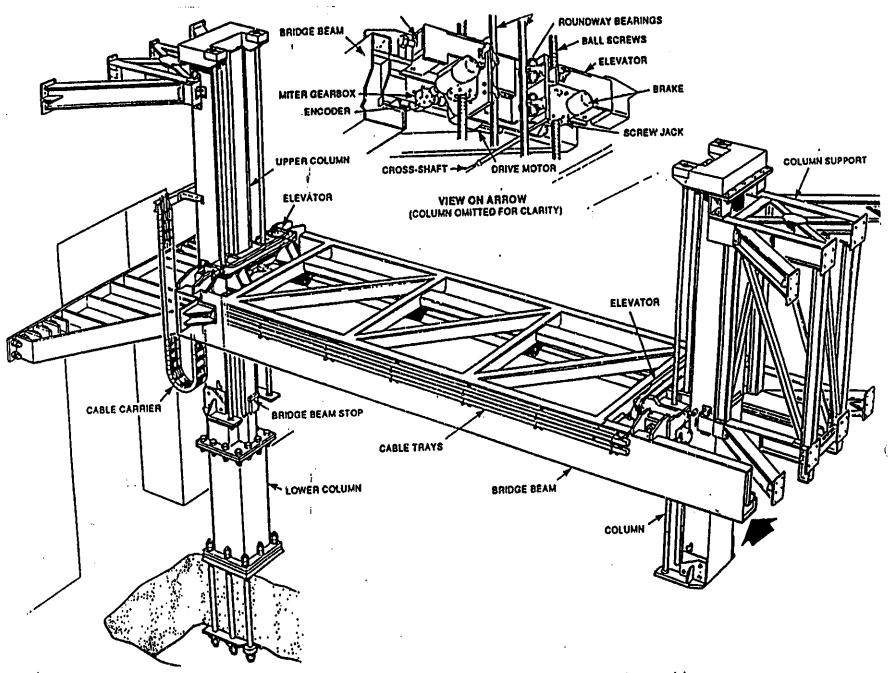


Figure 7-13 Fuelling Machine Bridge Assembly

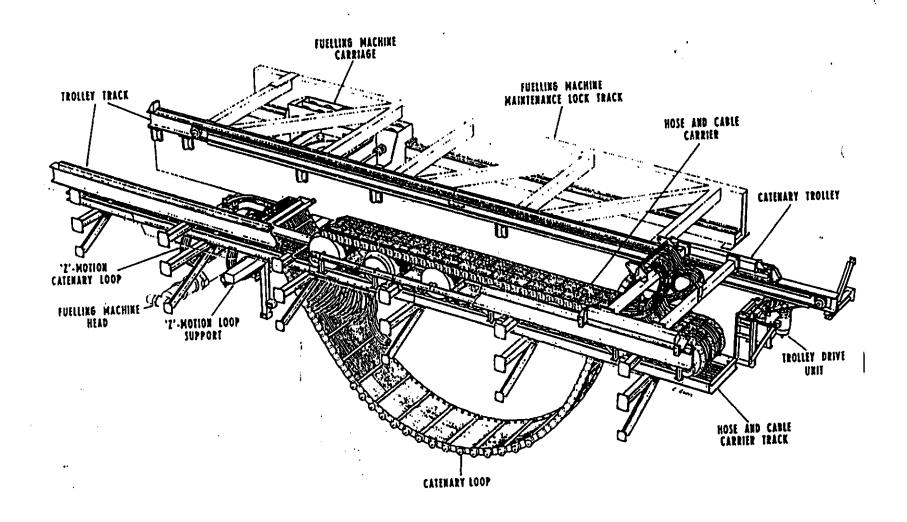


Figure 7-14 Fuelling Machine Catenary System

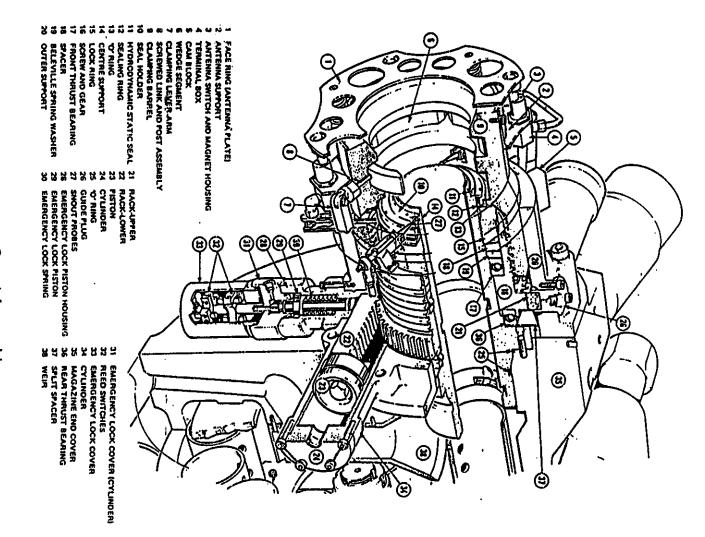


Figure 7-15 Snout Assembly

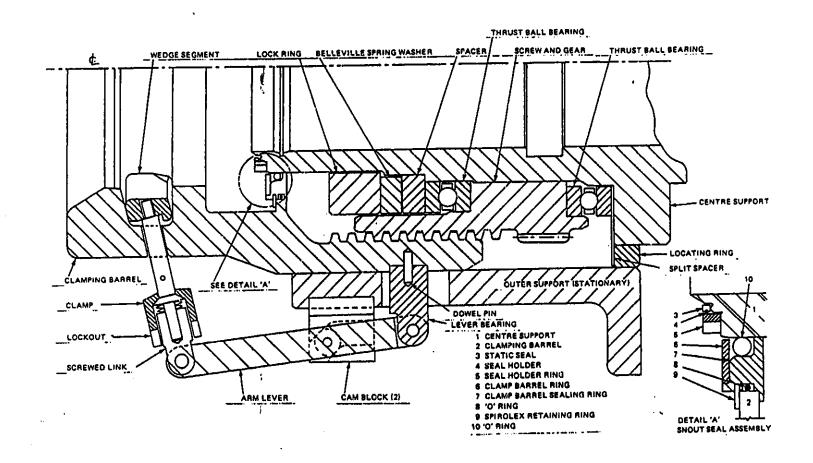


Figure 7-16 Snout Assembly (Sectional View)

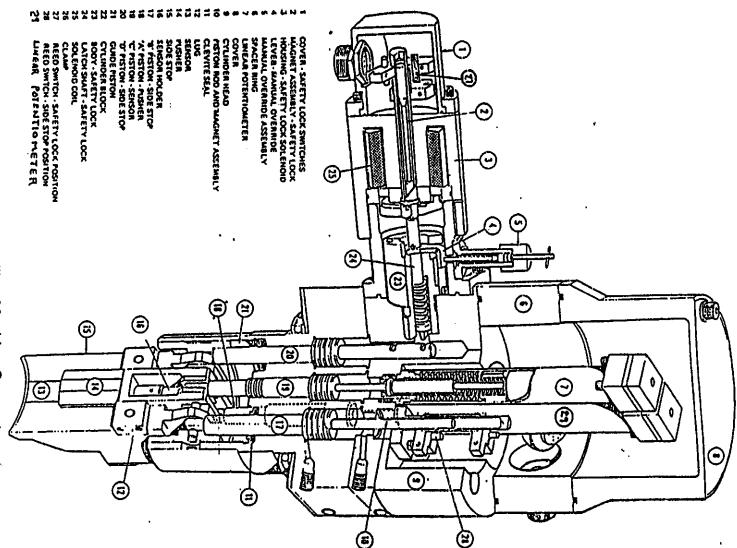


Figure 7-17 Fuelling Machine Separator

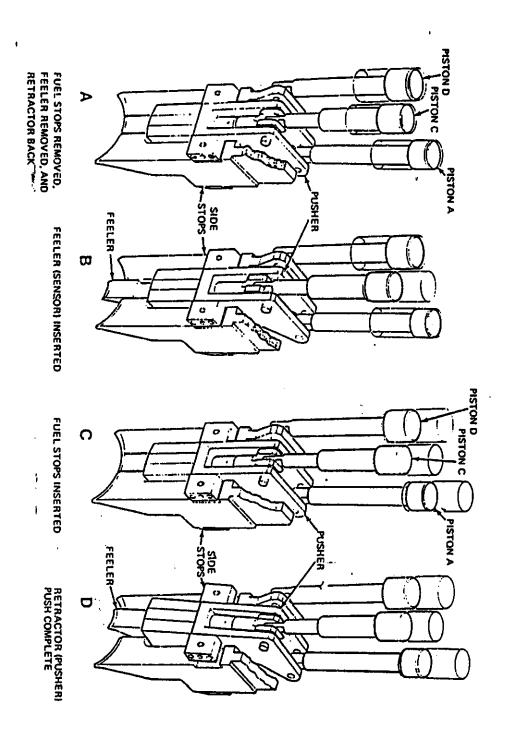


Figure 7-18 Operation of Side Stops, Sensors and Pushers

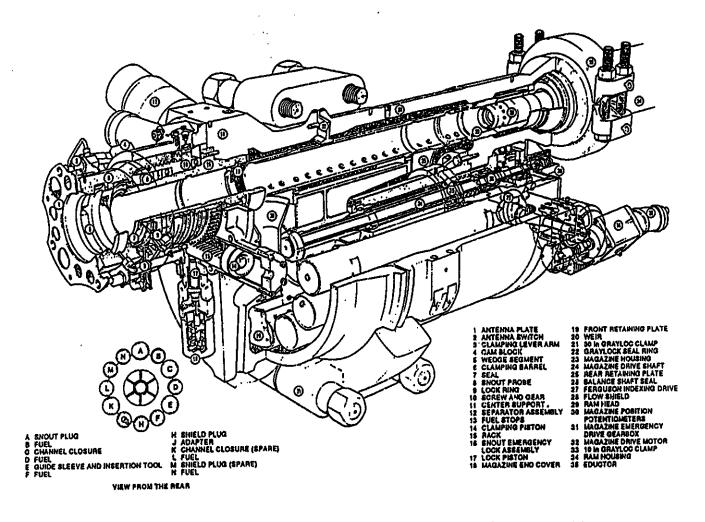


Figure 7-19 Fuelling Machine Head - Magazine Assembly

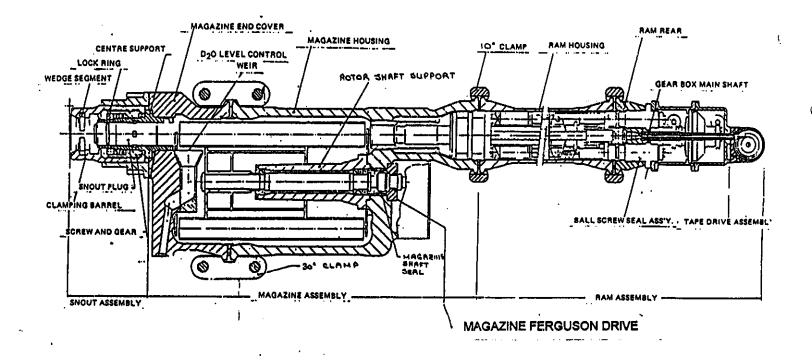


Figure 7-20 F/M Head (Sectional View)

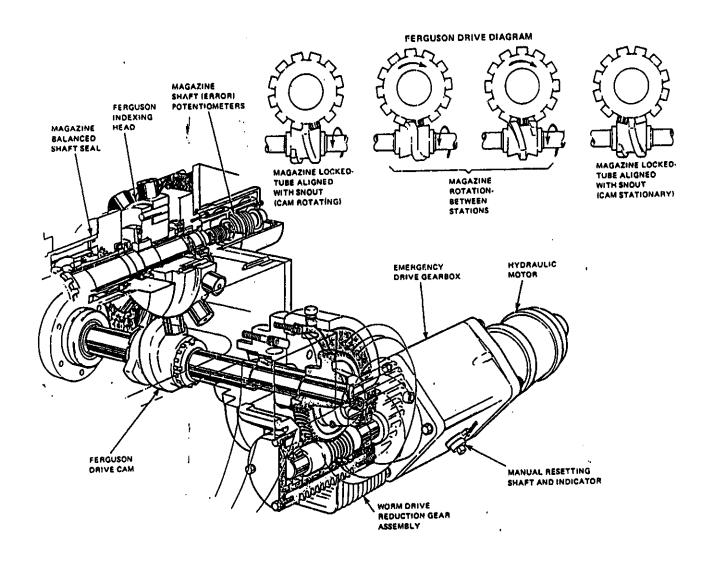


Figure 7-21 Magazine Drive System

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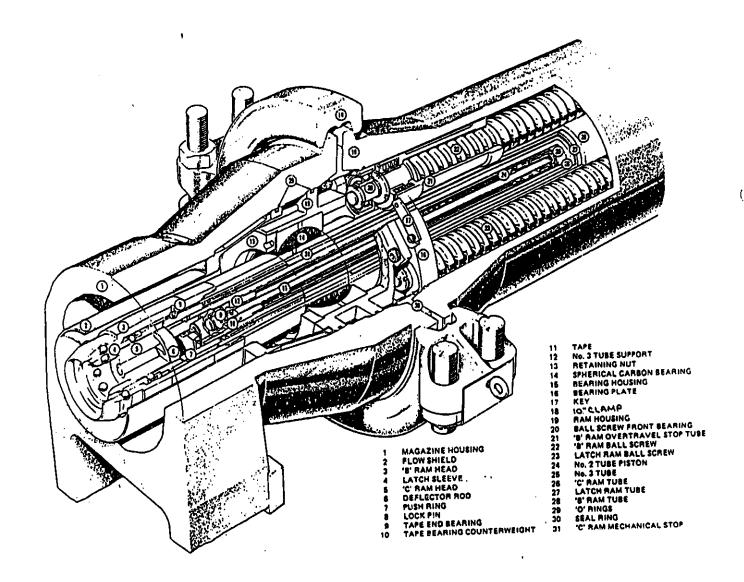


Figure 7-22 Ram Assembly (Front End)

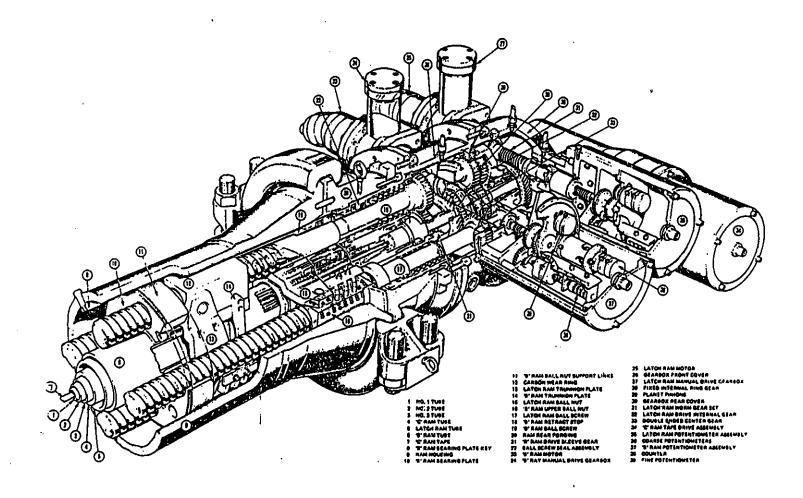


Figure 7-23 Ram Assembly (Rear End)

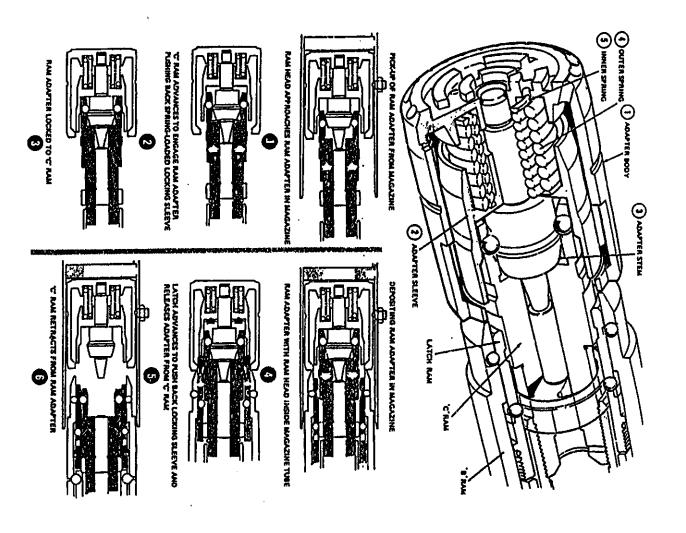


Figure 7-24 Ram Adapter and Operation

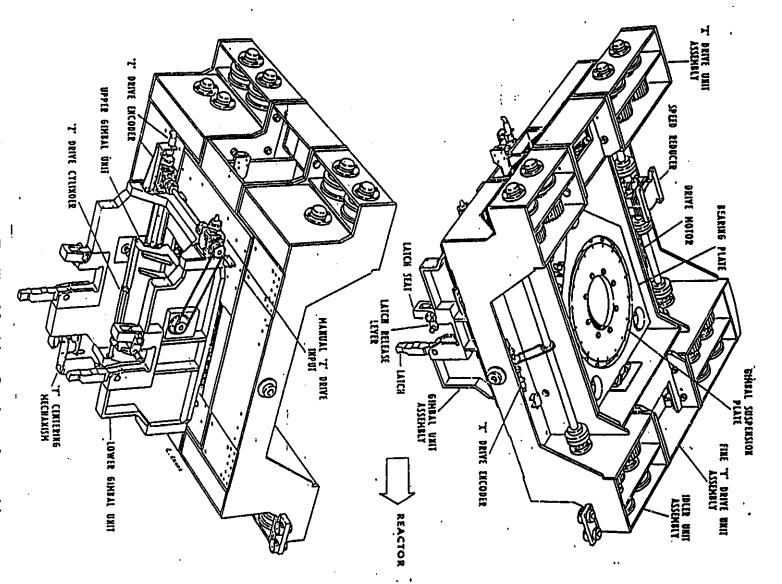


Figure 7-25 Fuelling Machine Carriage Assembly

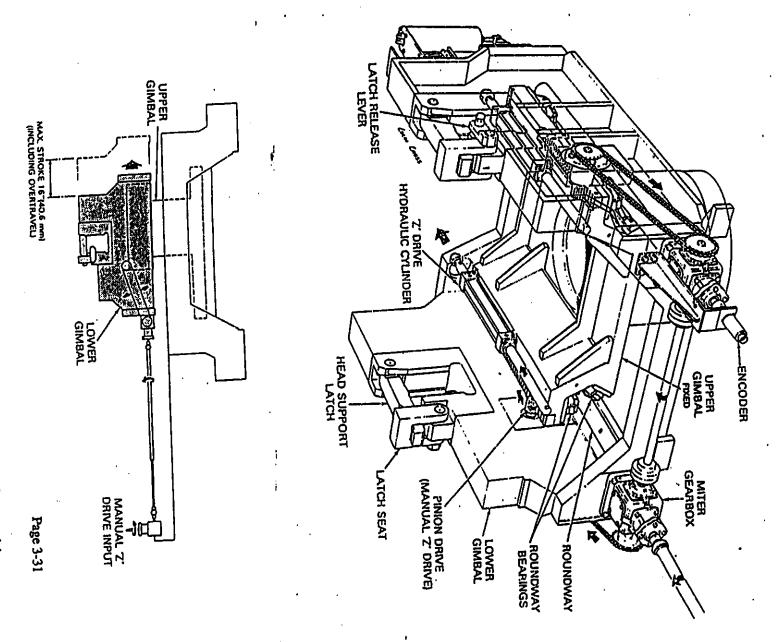


Figure 7-26 'Z' Drive on Carriage Assembly

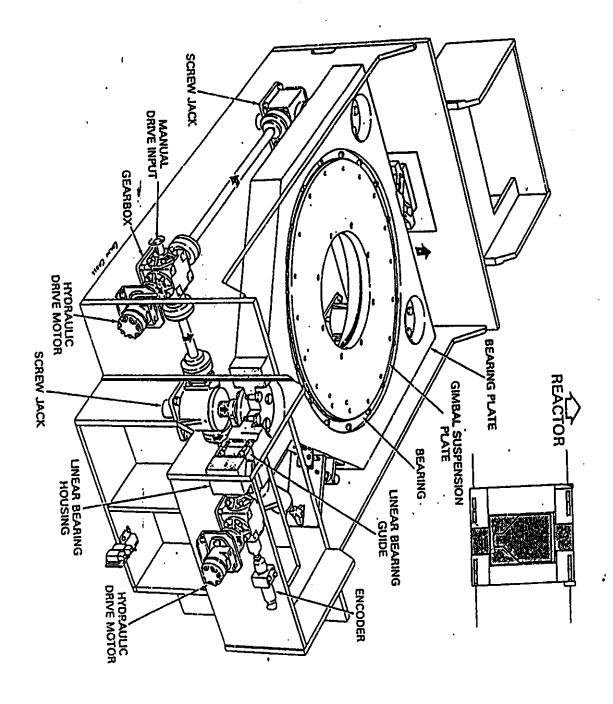


Figure 7-27 Fine Y Drive

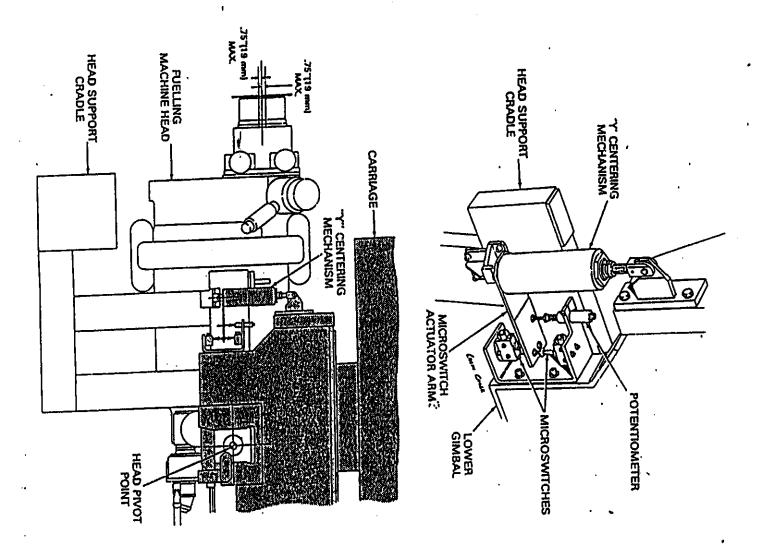


Figure 7-28 Pitch Error Sensing

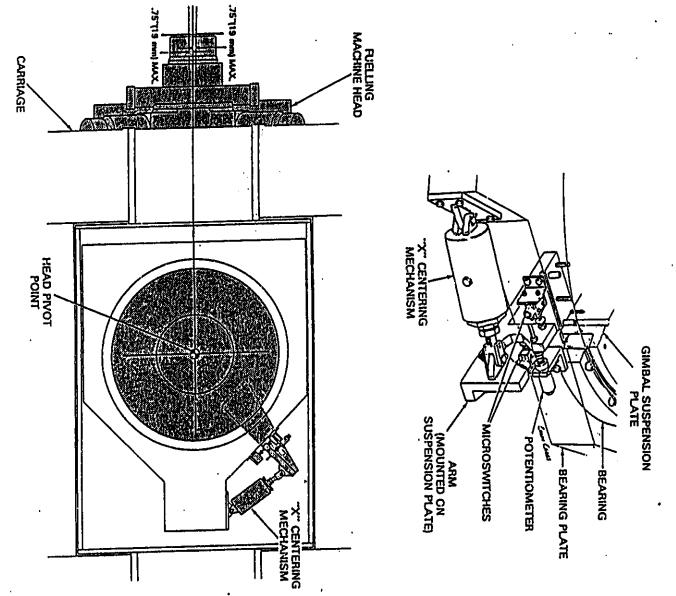


Figure 7-29 Yaw Error Sensing

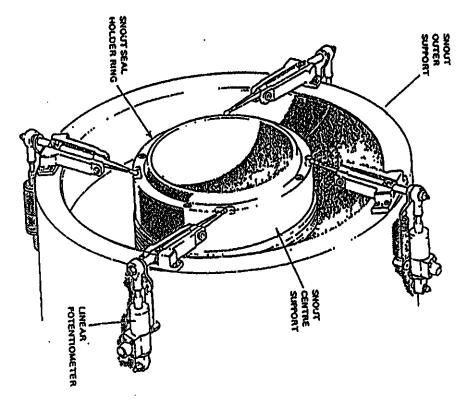
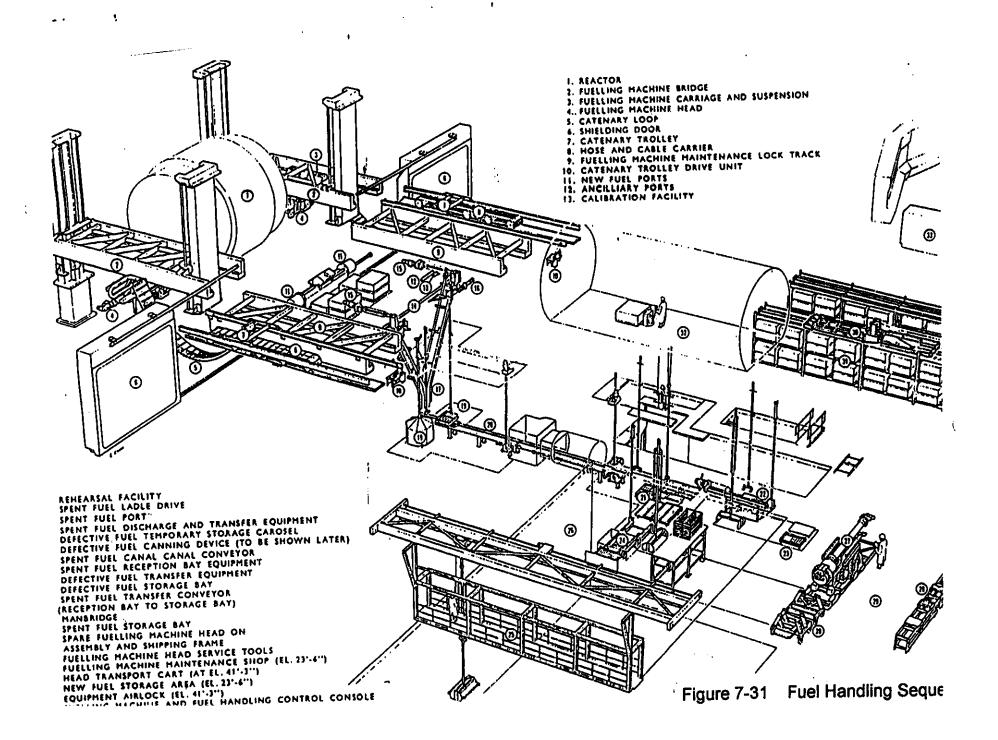


Figure 7-30 Snout Probe Sensors

SNOUT PROBES

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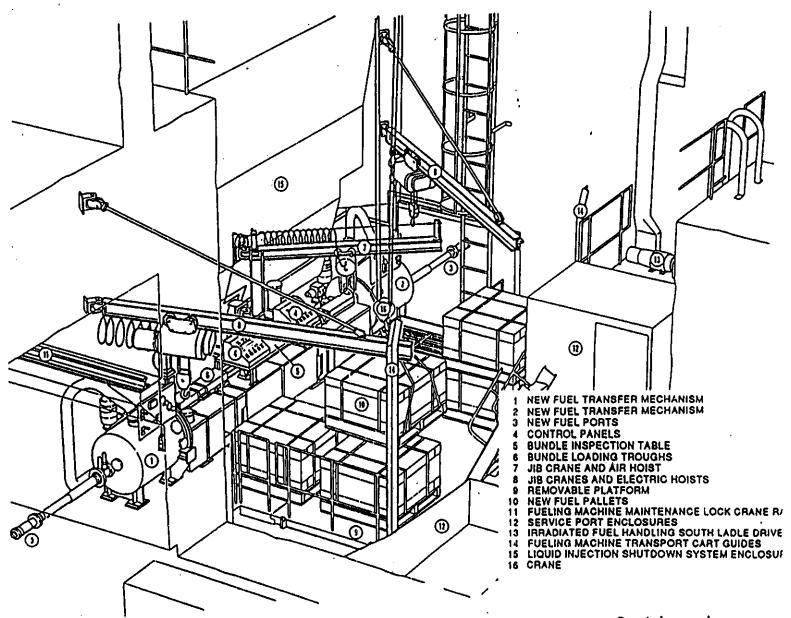


Figure 7-32 CANDU 6 New Fuel Room Equipment Inside Reactor Containment

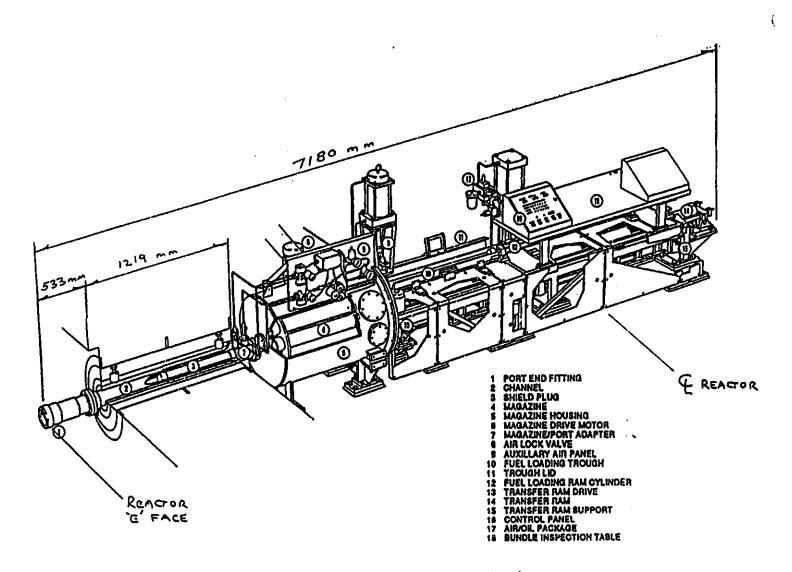
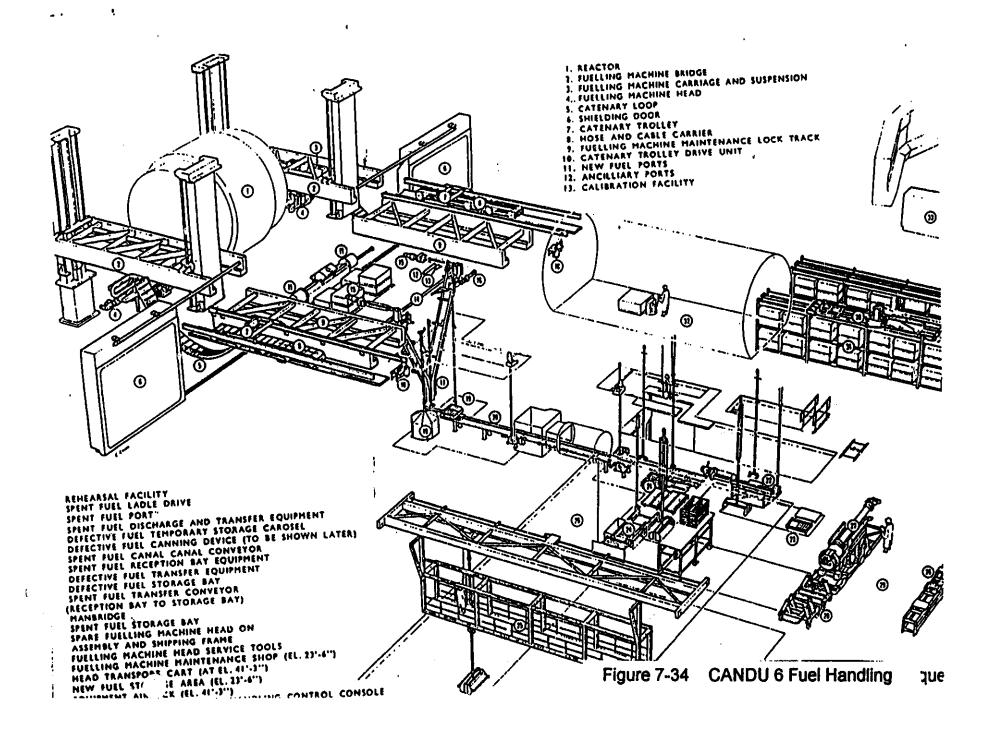


Figure 7-33 New Fuel Transfer Mechanism



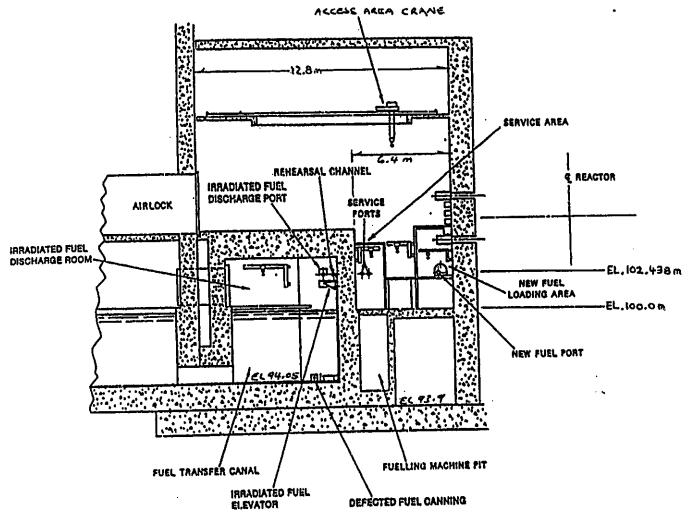


Figure 7-35 Fuel Handling System - Section S1

Figure 7-36 New Fuel and Irradiated Fuel Layout

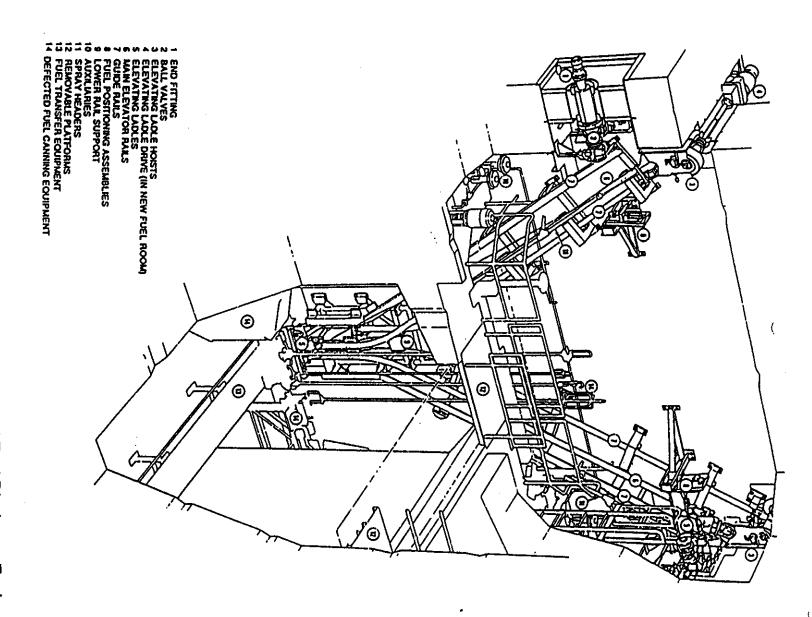


Figure 7-37 CANDU 6 Irradiated Fuel Discharge Equipment

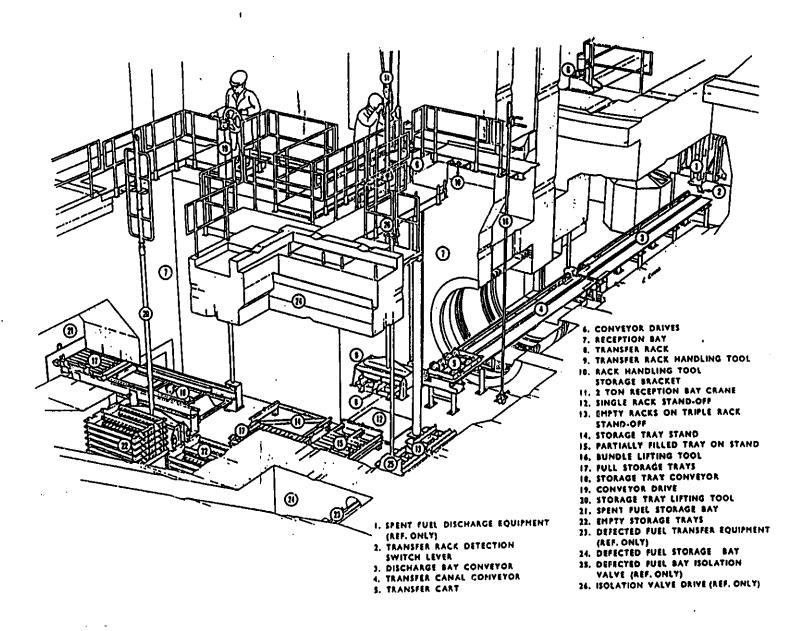


Figure 7-38 Irradiated Fuel Transfer Equipment

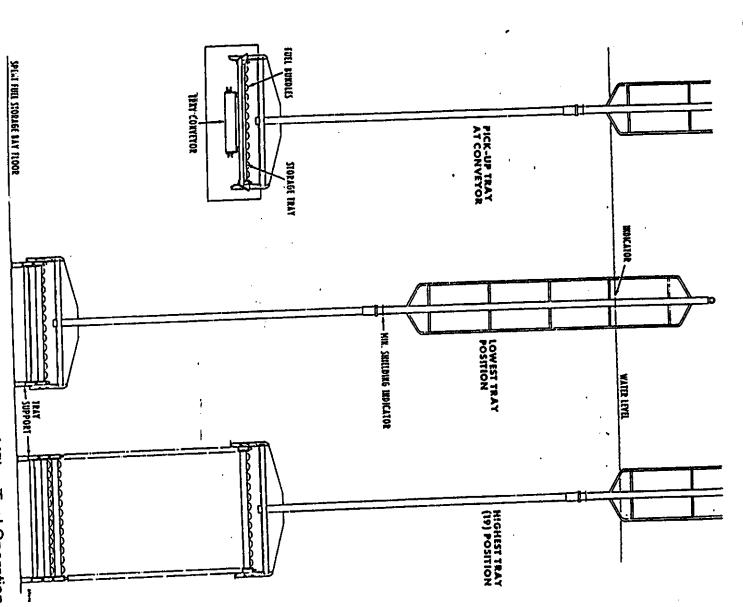


Figure 7-39 Irradiated Fuel Storage Bay Storage Tray Lifting Tool Operation

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