Figure 1 – Typical AECL Fuel Bundle
Figure 2 – Typical AECL Fuel Basket
Figure 3. Chalk River Laboratories
Figure 4. Chalk River Current Silo Array.
FIGURE 6
TYPICAL SECTION THROUGH
BASKET SILO
SILOS IN A STORAGE BUILDING
STORAGE COMPLEX – PLAN & ELEVATION
AECL CHALK RIVER LABORATORIES

FIGURE 7
FIGURE 8
SILOS IN A SHALLOW TRENCH
STORAGE CHAMBER — PLAN
AECL CHALK RIVER LABORATORIES

14 SILOS REQUIRED

FOR SECTIONS SEE FIG. 10

EXHAUST RAISER

INLET LOUVRE

BASKETS IN BASKET TRANSFER
FLASKS TRANSFERRED TO STORAGE
CHAMBER FROM EXISTING STORAGE
FACILITY USING TRUCK/ROAD
TRANSPORTER
FIGURE 9
SILOS IN A SHALLOW TRENCH
STORAGE CHAMBER – SECTIONS
AECL CHALK RIVER LABORATORIES

BASKETS IN TRANSFER FLASK,
TRANSFERRED TO STORAGE
CHAMBER FROM EXISTING STORAGE
FACILITY USING TRUCK/ROAD
TRANSPORTER
Figure 10 – Whiteshell Laboratories Current Silo Array
FIGURE 12
SILOS IN A STORAGE BUILDING
STORAGE COMPLEX – PLAN & ELEVATION
AECL WHITESHELL LABORATORIES
FIGURE 13
SILOS IN A SHALLOW TRENCH
STORAGE CHAMBER – PLAN
AECL WHITESHELL LABORATORIES

BASKETS IN BASKET TRANSFER
FLASKS TRANSFERRED TO
STORAGE CHAMBER FROM
EXISTING STORAGE FACILITY
USING TRUCK/ROAD TRANSPORTER

ACCESS TUNNEL

16 SILOS REQUIRED

EXHAUST RAISERS

INLET LOUVRES
FIGURE 14
SILOS IN A SHALLOW TRENCH
STORAGE CHAMBER – SECTIONS
AECL WHITESHELL LABORATORIES