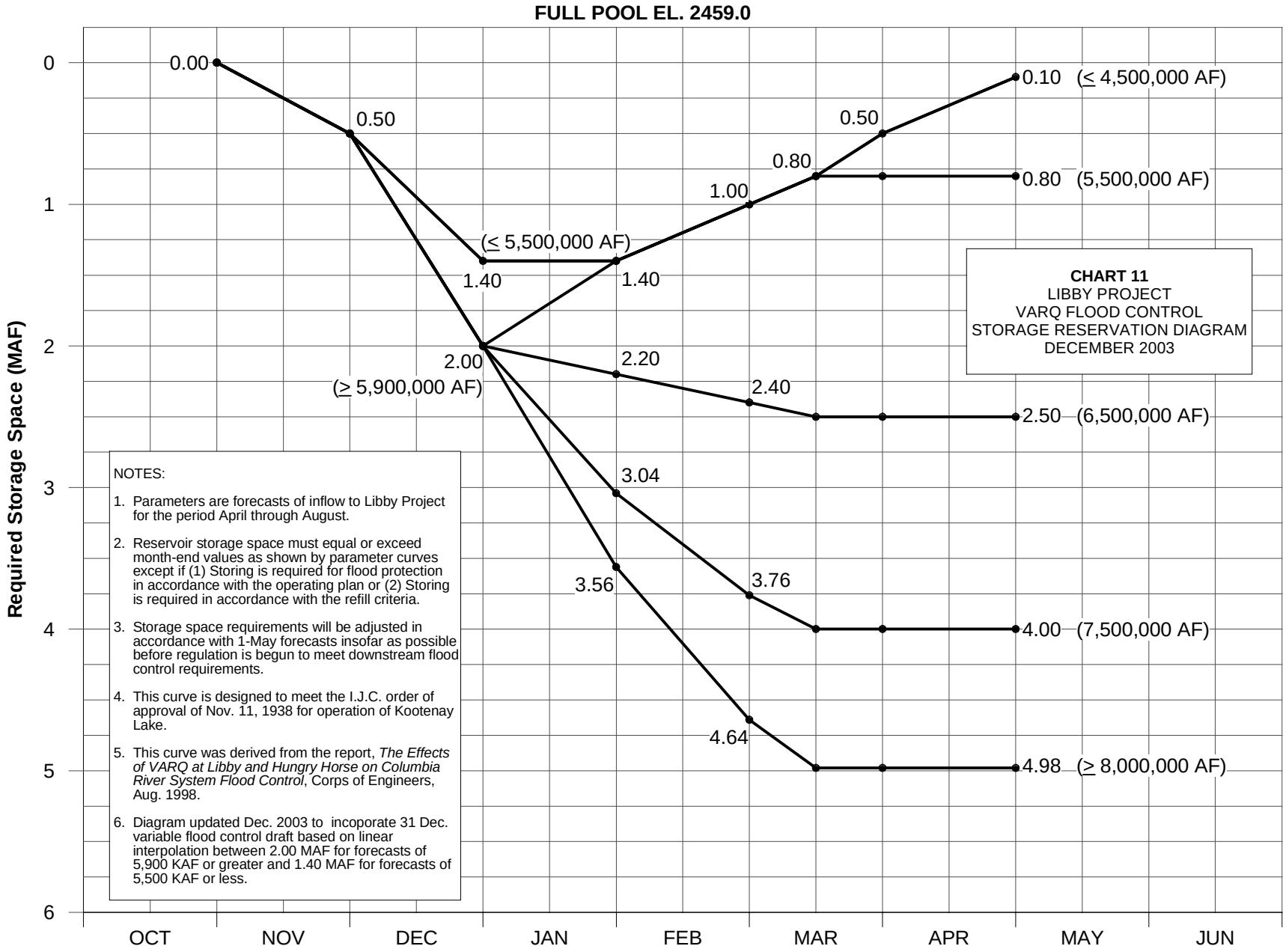
FULL POOL EL. 2459.0
Required Storage Space (MAF)
0
1
2
3
4
5
6
OCT
NOV
DEC
JAN
FEB
MAR
APR
MAY
JUN
0.00
0.50
(≤ 5,500,000 AF)
1.40
1.40
1.00
0.80
0.50
0.10 (≤ 4,500,000 AF)
0.80 (5,500,000 AF)
2.00
(≥ 5,900,000 AF)
2.20
2.40
2.50 (6,500,000 AF)
3.04
3.56
3.76
4.00 (7,500,000 AF)
4.64
4.98 (≥ 8,000,000 AF)
CHART 11
LIBBY PROJECT
VARQ FLOOD CONTROL
STORAGE RESERVATION DIAGRAM
DECEMBER 2003
NOTES:
1. Parameters are forecasts of inflow to Libby Project for the period April through August.
2. Reservoir storage space must equal or exceed month-end values as shown by parameter curves except if (1) Storing is required for flood protection in accordance with the operating plan or (2) Storing is required in accordance with the refill criteria.
3. Storage space requirements will be adjusted in accordance with 1-May forecasts insofar as possible before regulation is begun to meet downstream flood control requirements.
4. This curve is designed to meet the I.J.C. order of approval of Nov. 11, 1938 for operation of Kootenay Lake.
5. This curve was derived from the report, The Effects of VARQ at Libby and Hungry Horse on Columbia River System Flood Control, Corps of Engineers, Aug. 1998.
6. Diagram updated Dec. 2003 to incoporate 31 Dec. variable flood control draft based on linear interpolation between 2.00 MAF for forecasts of 5,900 KAF or greater and 1.40 MAF for forecasts of 5,500 KAF or less.