

TABLE 1: Summary of Comparisons with THINC-I

Case No.	Pressure (psia)	Power (%)	Flow (%)	Tin (°F)	FQE	Axial Offset	Minimum DNBR COBRA	THINC-I
1	2200.	112.	100.	554.	1.24	zero	1.27	1.30
2	2400.	118.	100.	563.	1.03	zero	1.30	1.33
3	2400.	101.	100.	563.	1.03	large positive	1.32	1.39
4	2400.	81.7	100.	618.4	1.03	large negative	1.30	1.33
5	1855.	112.	90.	515.	1.03	zero	1.47	1.47
6	2220.	100.5	76.5	547.	1.03	zero	1.32	1.32
7 *	2400.	101.	100.	563.	1.03	large positive	1.42	1.50

* Supplemental information to the letter from R. H. Leasburg (Vepco) to H. R. Denton (NRC), Serial No. 284, dated May 23, 1982, entitled "Vepco Reactor Core Thermal Hydraulic Analysis Using the COBRA-IIIc/MIT Computer Code"