Q. Provide the same information as requested in questions 88-91 above for the gas turbine units at Stephenville Hardwoods.

A. RE: IC-88 NLH

The table below shows when the generating plants in question became a part of the Island Interconnected System.

Generation Source	Available to Island Interconnected System
Stephenville Gas Turbine	May, 1977
Hardwoods Gas Turbine	November, 1978

RE: IC-89 NLH

Records back to 1977 and 1978 for the Stephenville and Hardwoods Gas Turbines are not readily available, thus data since 1992 is used to answer this question. The table shows the number of times during 1992 through 2002 when each of the plants were operated. To list every incident of operation and the reason for operation is impractical because of the limited detail available on the cause of operation. However, operation of these units for testing and synchronous condenser are excluded from the table.

Number of Times Operated		
Year	**Stephenville Gas Turbine**	**Hardwoods Gas Turbine**
1992	17	22
1993	12	17
1994	10	34
1995	11	15
1996	10	12
1997	1	8
1998	3	17
1999	1	19
2000	1	17
2001	2	6
2002	2	6

Over this period, Stephenville and Hardwoods gas turbines were used for meeting system generation peak requirements, during emergency situations and for transmission security. When operated for peak requirements all customer classes were served by both gas turbines. When operated for emergency supply and for transmission security the customers in the area of the system where the unit is located would have benefited. For the Stephenville gas turbine the customers benefiting would be Abitibi Consolidated, Newfoundland Power and Hydro Rural customers. For the Hardwoods gas turbine the customers benefiting would be North Atlantic Refining and Newfoundland Power.

RE: IC-90 NLH

The table below provides the number of kWh generated by each unit, the amount of fuel consumed by that unit, the cost of the fuel consumed, operating and maintenance costs and capital costs for each year from 1992 to 2002.

Stephenville Gas Turbine					
	Energy Produced (Gross kWh)	Fuel Consumed (gallons)	Fuel Cost	Direct O&M Cost	Capital Cost
1992	705,600	73,760	$99,292	$154,390	$80,437
1993	1,015,200	88,359	$110,442	$169,659	$9,321
1994	288,000	32,510	$37,994	$189,418	$0
1995	338,400	27,156	$31,321	$157,763	$0
1996	648,000	72,472	$82,438	$140,075	$0
1997	36,000	3,292	$3,715	$262,885	$0
1998	374,400	36,687	$41,397	N/A	$16,408
1999	201,600	24,446	$27,608	N/A	$979,631
2000	36,000	11,265	$13,877	$2,065,850	$449,443
2001	50,400	8,405	$10,384	$117,174	$0
2002	14,400	5,368	$6,633	$62,879	$0

Hardwoods Gas Turbine					
	Energy Produced (Gross kWh)	Fuel Consumed (gallons)	Fuel Cost	Direct O&M Cost	Capital Cost
1992	2,030,400	130,836	$127,384	$183,106	$0
1993	626,400	59,459	$57,826	$687,156	$0
1994	2,822,400	274,783	$257,736	$347,429	$0
1995	925,200	130,244	$120,958	$575,565	$51,095
1996	972,000	71,207	$66,130	$163,619	$319,196
1997	590,400	50,680	$47,066	$128,142	$604,268
1998	557,200	59,100	$54,886	N/A	$111,031
1999	792,000	82,638	$76,309	N/A	$0
2000	223,200	33,739	$34,573	$359,940	$0
2001	180,000	26,250	$26,898	$147,892	$93,088
2002	244,800	41,023	$42,036	$168,948	$0

RE: IC-91 NLH

The annual revenue for Stephenville and Hardwoods was determined using the same methodology as IC-91 NLH. See table below.

Year	Stephenville	Hardwoods
1992	$30,370	$87,104
1993	$43,146	$26,622
1994	$12,499	$122,492
1995	$14,484	$39,599
1996	$27,929	$41,893
1997	$1,588	$26,037
1998	$17,410	$25,910
1999	$9,435	$37,066
2000	$1,634	$10,133
2001	$2,278	$8,136
2002	$664	$11,285