Examples of SQL Queries on CC4 Phase 1 Data

1. Select all peak responses from EG-U-N1-1B for Event 1:

   Select Peak1, Peak2, Peak3 from PII_Dynamic_data where EventNo=16559 and SensorID=43112

   Result:

Peak1	Peak2	Peak3
12.62091	13.81014	0

2. Return temperature readings from temperature sensors 1A, 1B and 1C in the overlay for the week of November 1 to – November 7, 2006. Order by date/time, then by sensor number.

```
SELECT top 100
PII_mux.[SensorName] AS 'Sensor Name'
,PII_static_data.[date_time] AS 'Date/Time'
,PII_static_data.[reading] AS 'Temperature, degrees F'
,PII_mux.SensorID
,PII_static_data.date_time
from PII_static_data
, PII_mux
WHERE PII_static_data.SensorID = PII_mux.SensorID
AND PII_mux.SensorID BETWEEN 4009 and 4011
AND PII_static_data.date_time BETWEEN '11/1/2006' and '11/7/2008'
ORDER BY PII_static_data.date_time, PII_static_data.SensorID
```

   Result:

Sensor Name	Date/Time	Temperature, degrees F	SensorID	date_time
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM
Th_O_1A	11/1/2006 12:30:00 AM	56.204	4009	11/1/2006 12:30:00 AM

1 2 3 4 5 6 7 8 9 10