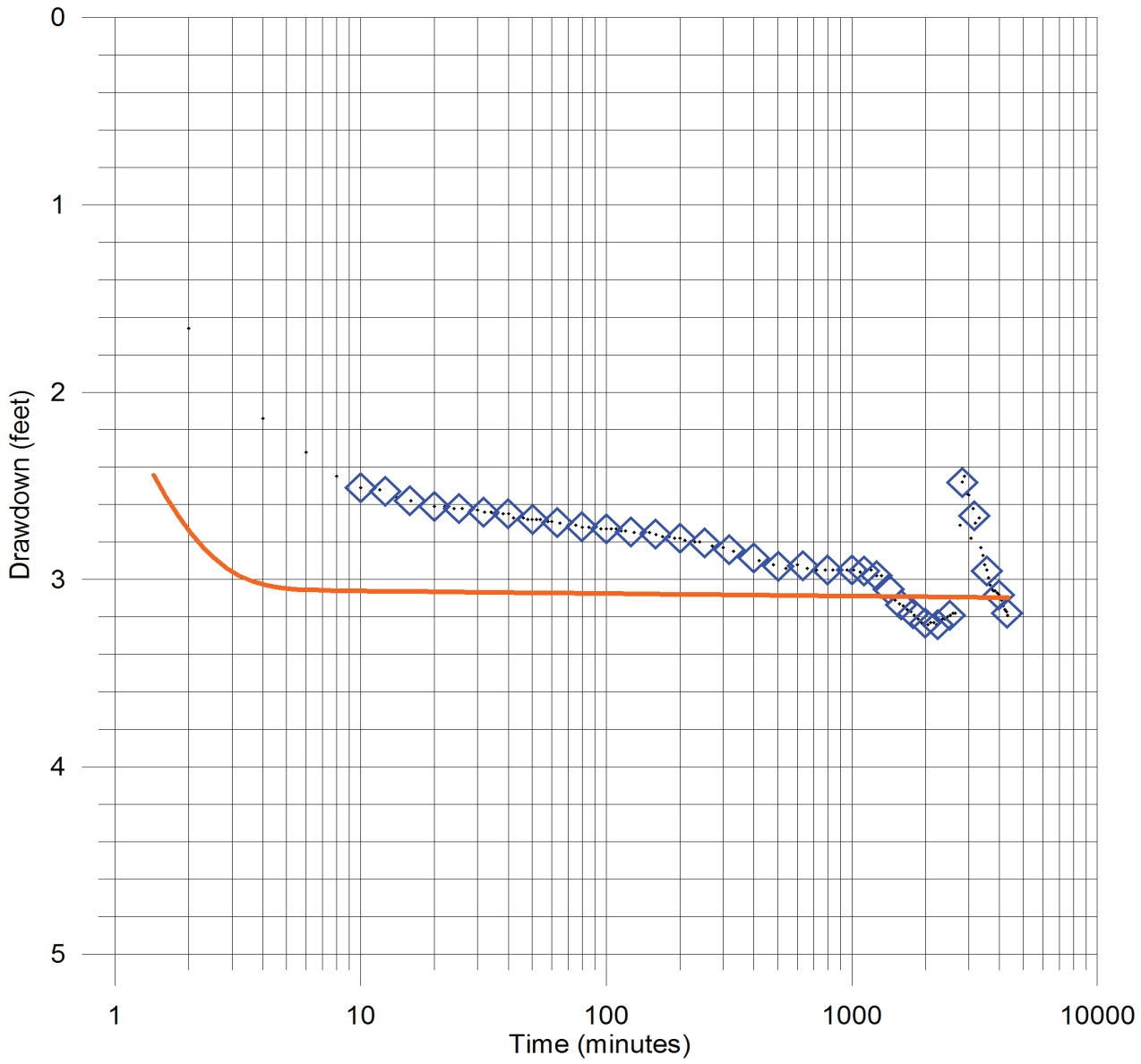



**LEGEND**

Raw MW-13S Drawdowns

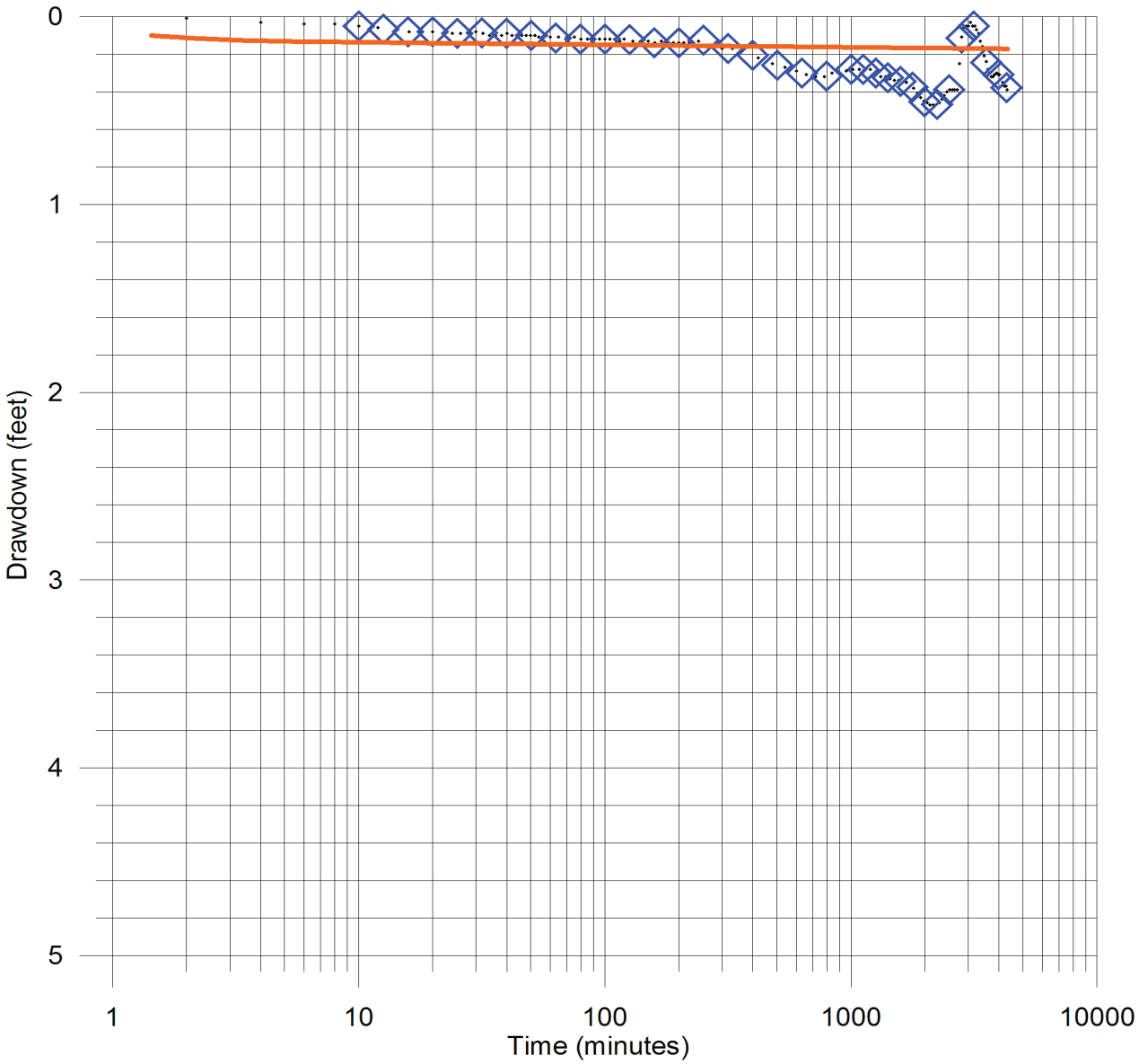
Interpolated MW-13S Drawdowns for MLU Input

MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

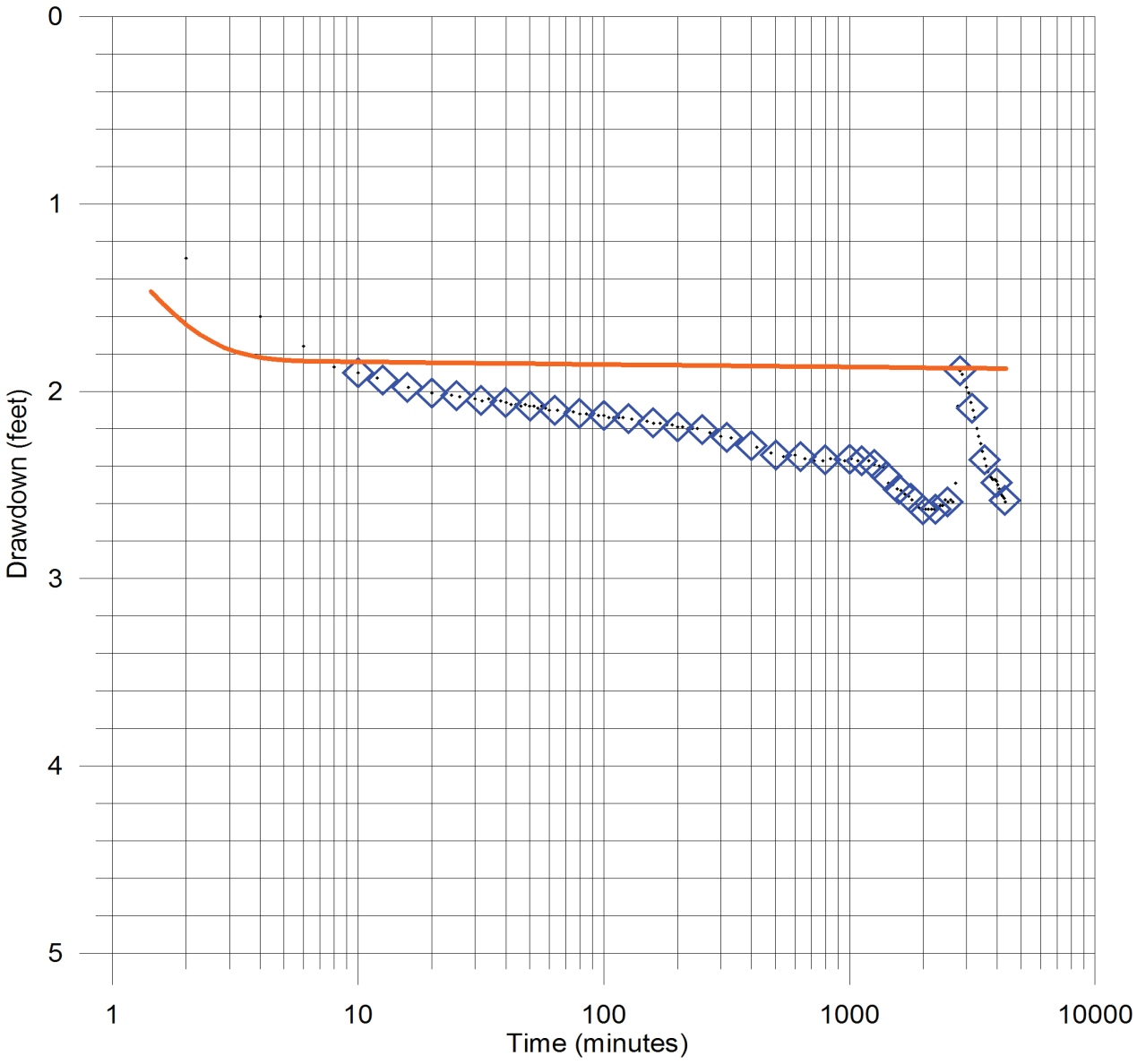
Surficial Aquifer Test Data
at Monitoring Well MW-13S
FIGURE 1




Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

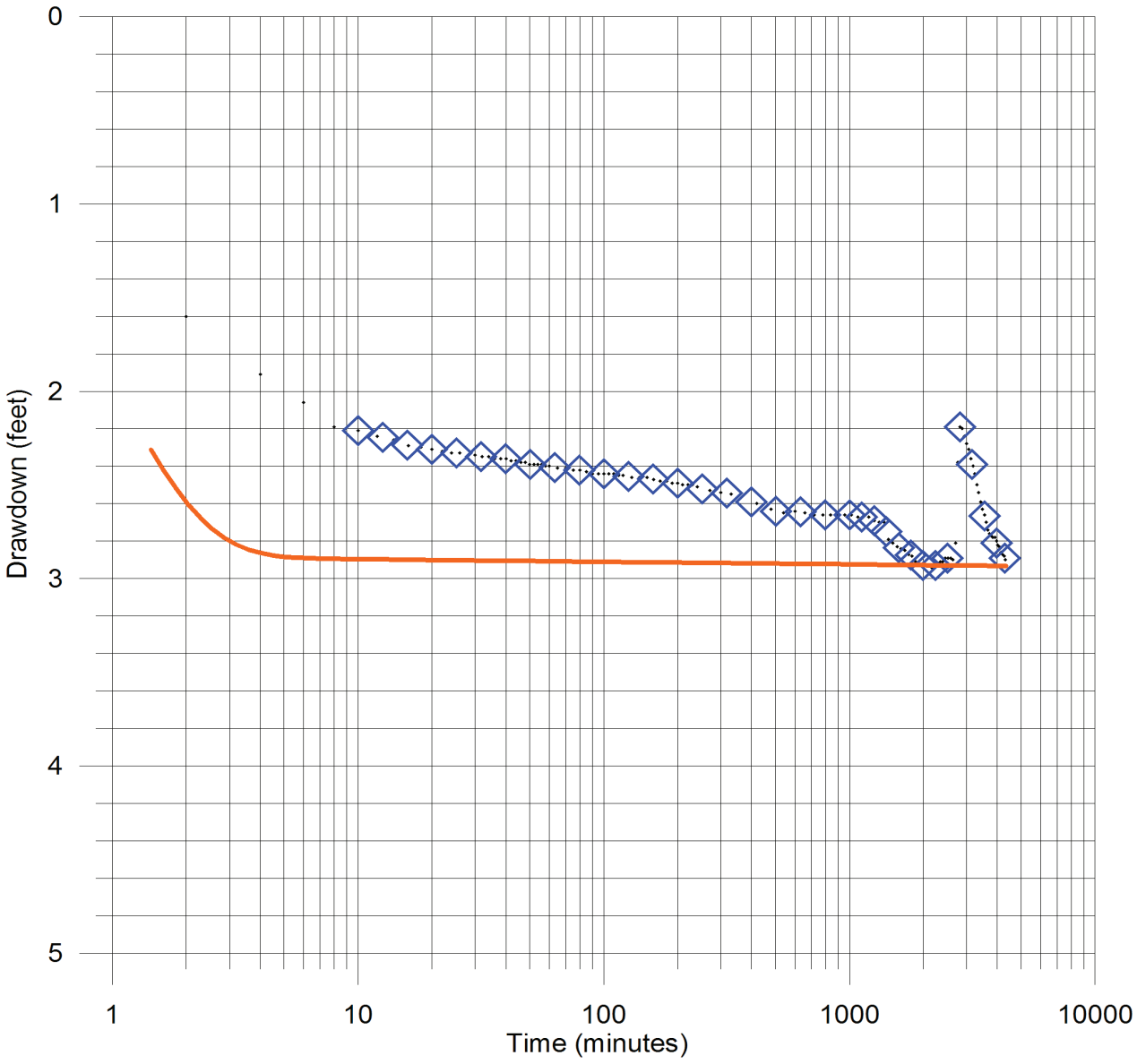
Surficial Aquifer Test Data
at Monitoring Well MW-14D
FIGURE 2




Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Surficial Aquifer Test Data
at Monitoring Well OW-1
FIGURE 3




**LEGEND**

Raw OW-2 Drawdowns

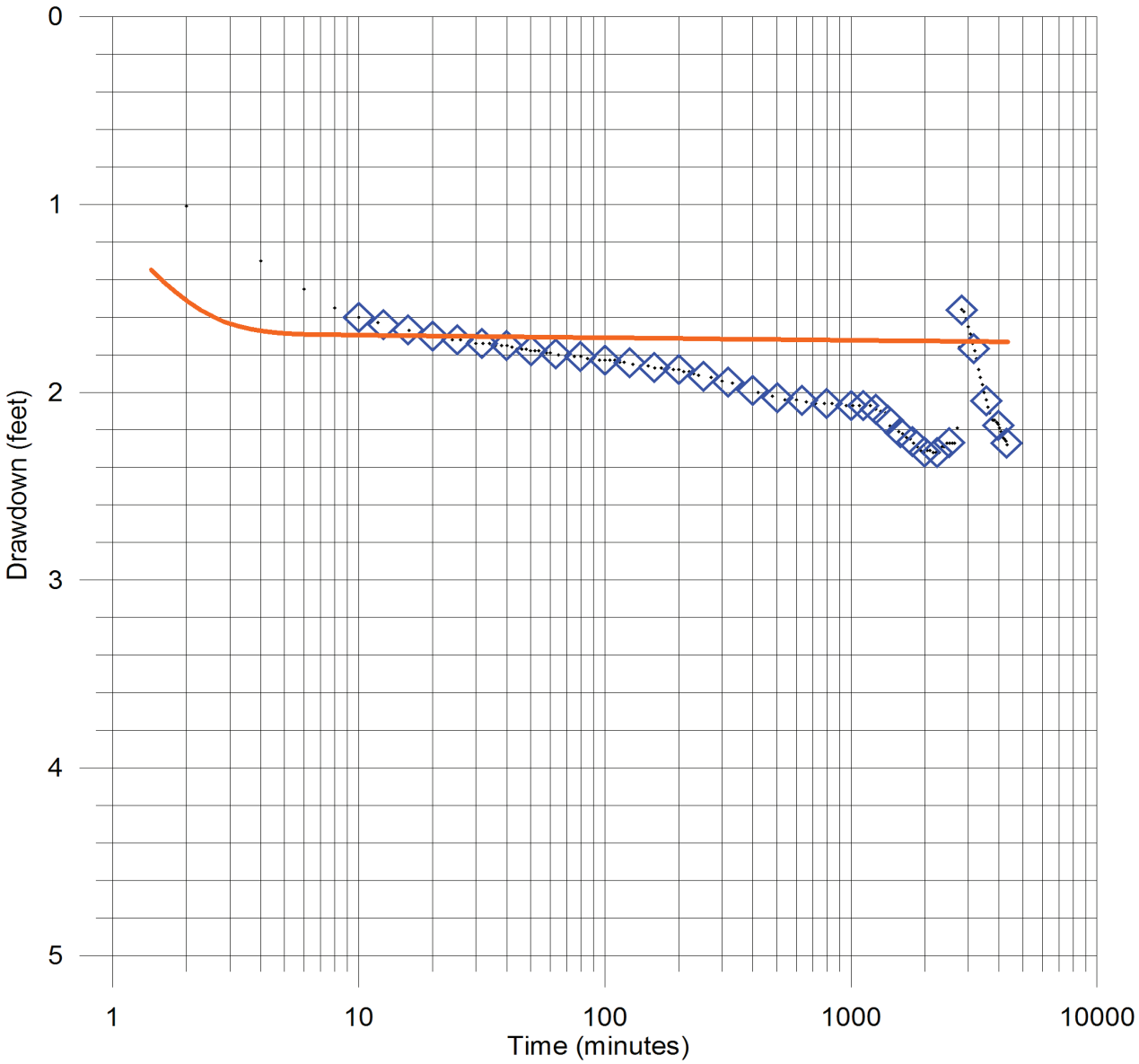
Interpolated OW-2 Drawdowns for MLU Input

MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Surficial Aquifer Test Data
at Monitoring Well OW-2
FIGURE 4



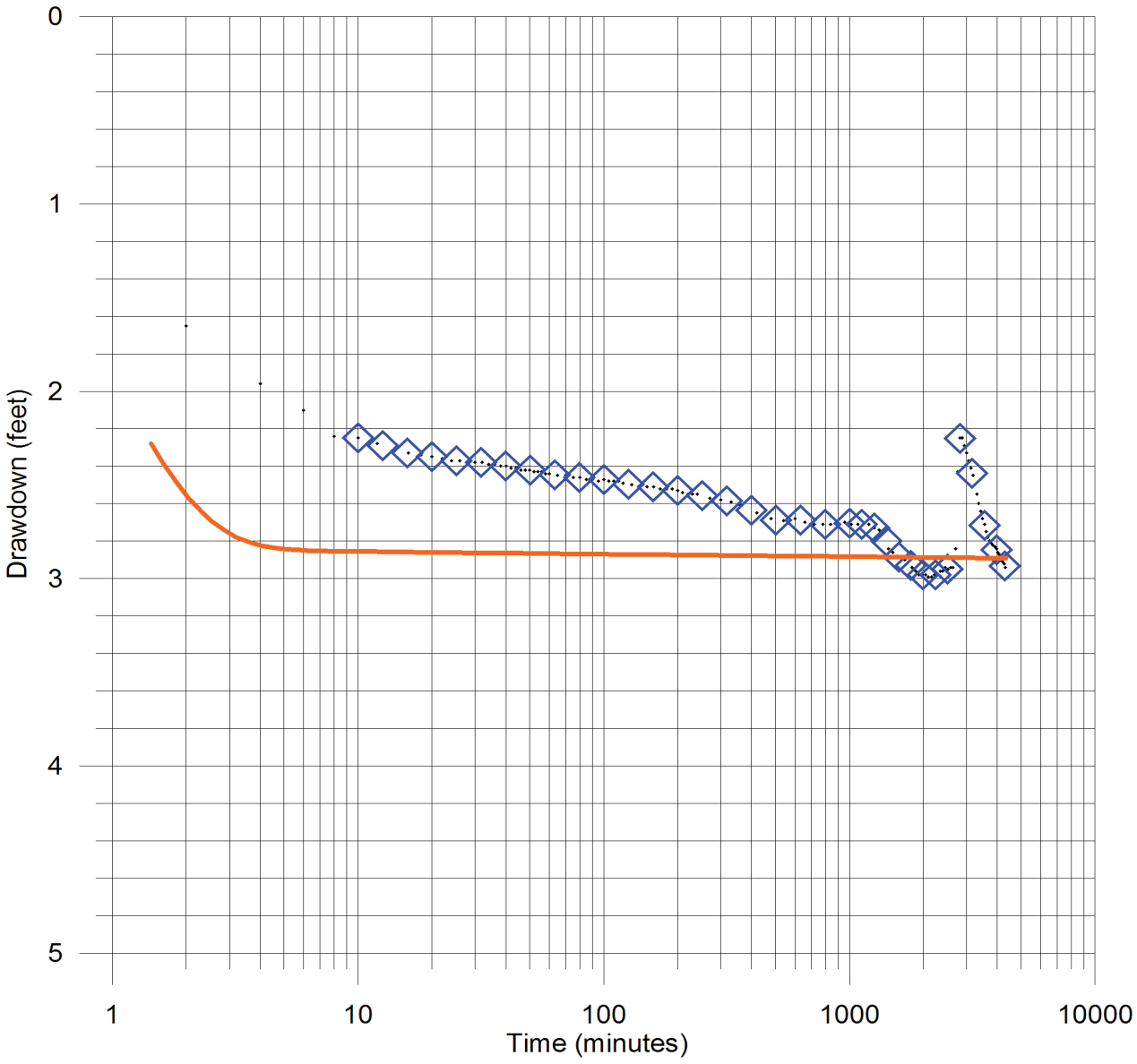

**LEGEND**

- Raw OW-3 Drawdowns
- Interpolated OW-3 Drawdowns for MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Surficial Aquifer Test Data
at Monitoring Well OW-3
FIGURE 5




**LEGEND**

Raw OW-4 Drawdowns

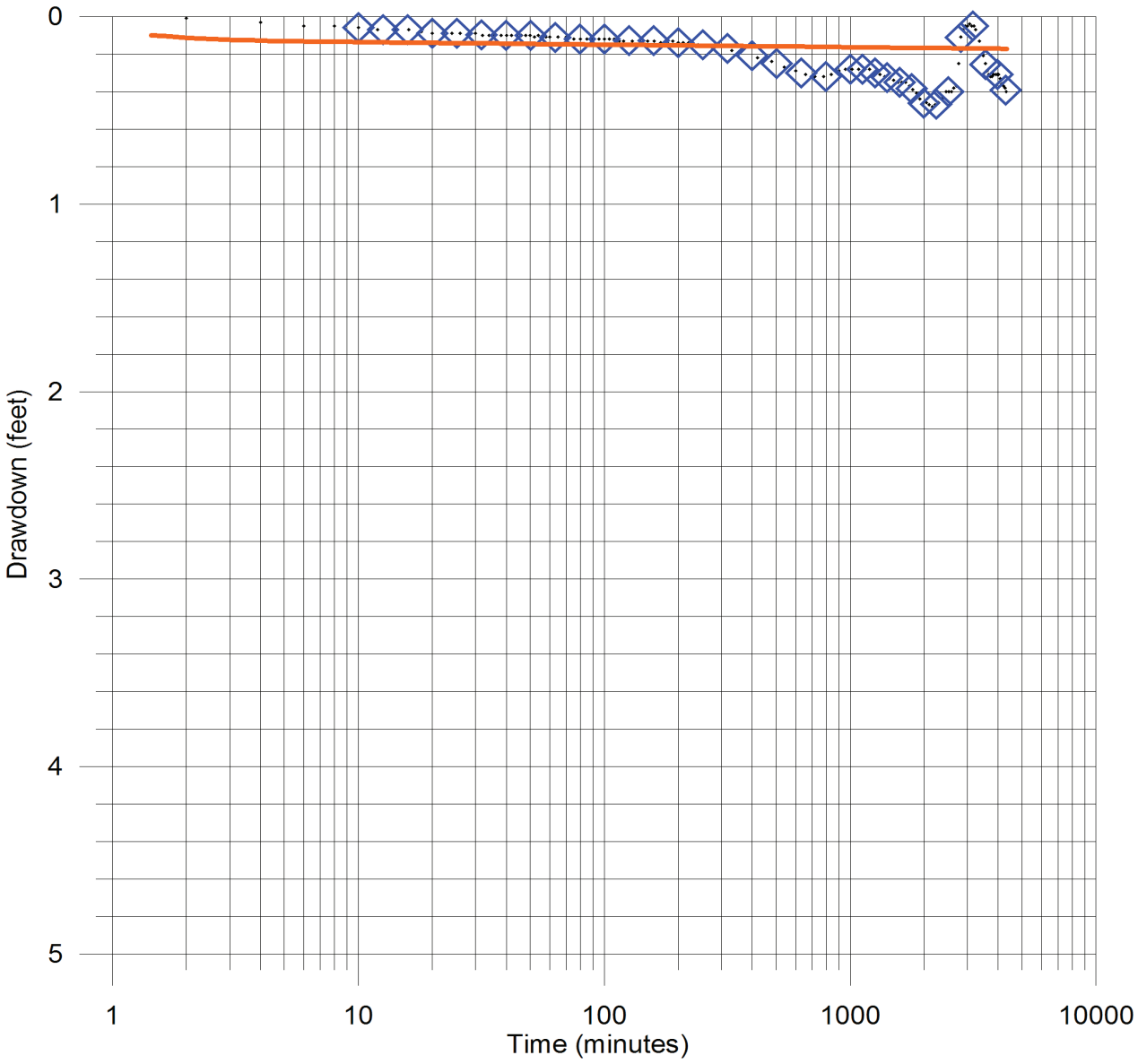
Interpolated OW-4 Drawdowns for MLU Input

MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

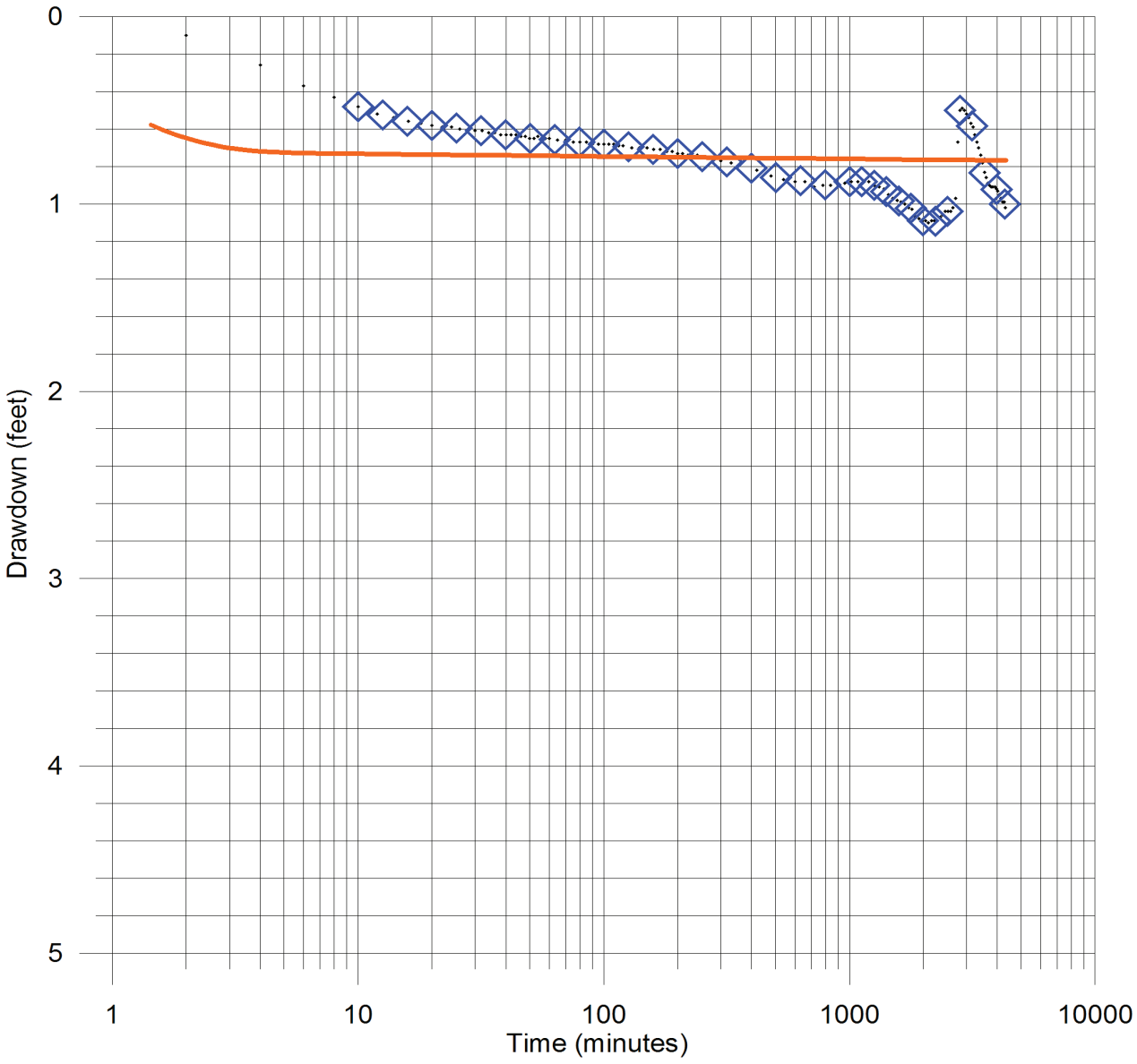
Surficial Aquifer Test Data
at Monitoring Well OW-4
FIGURE 6




Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

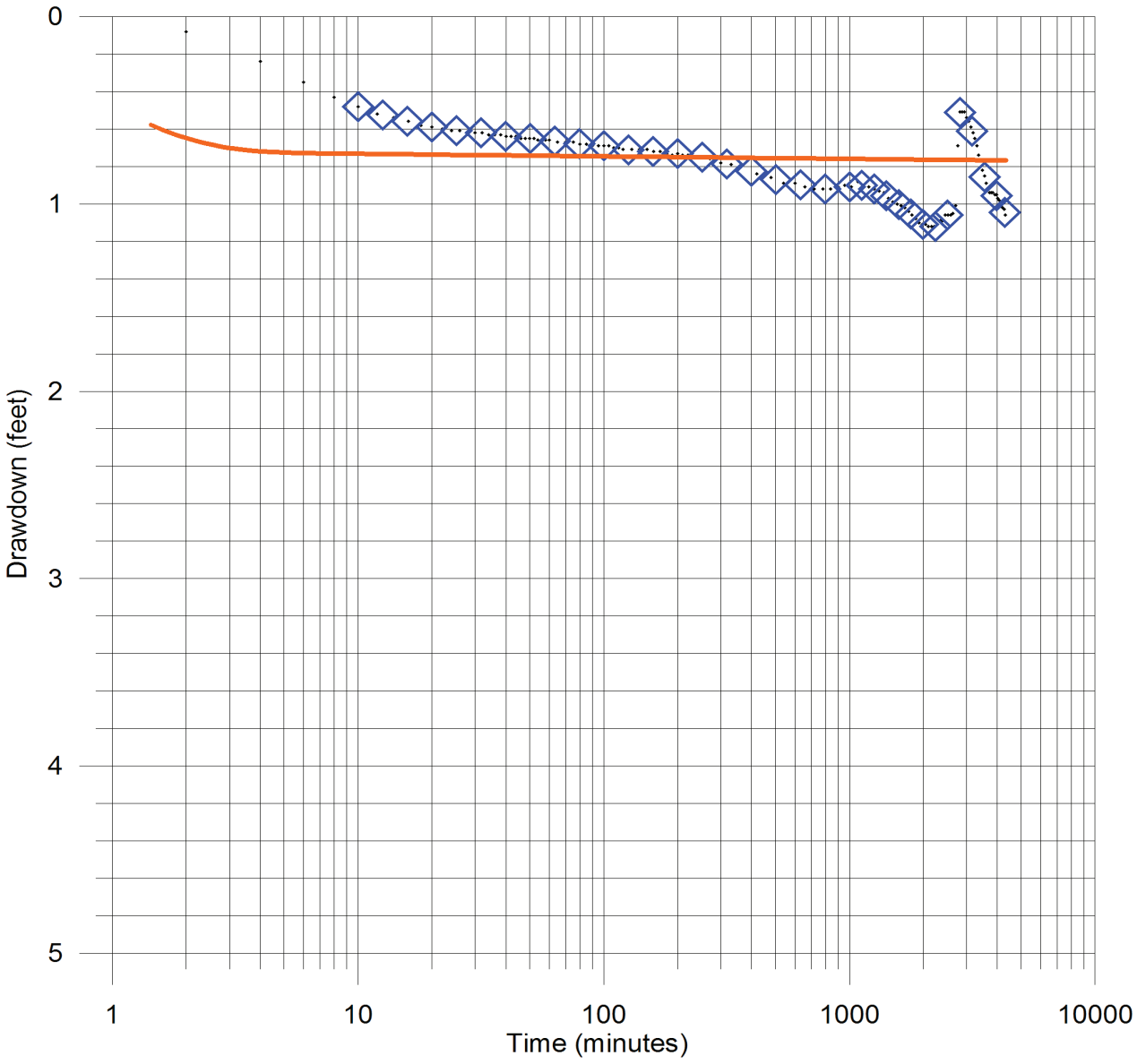
Surficial Aquifer Test Data
at Monitoring Well OW-5
FIGURE 7




Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Surficial Aquifer Test Data
at Monitoring Well OW-6
FIGURE 8




**LEGEND**

Raw OW-7 Drawdowns

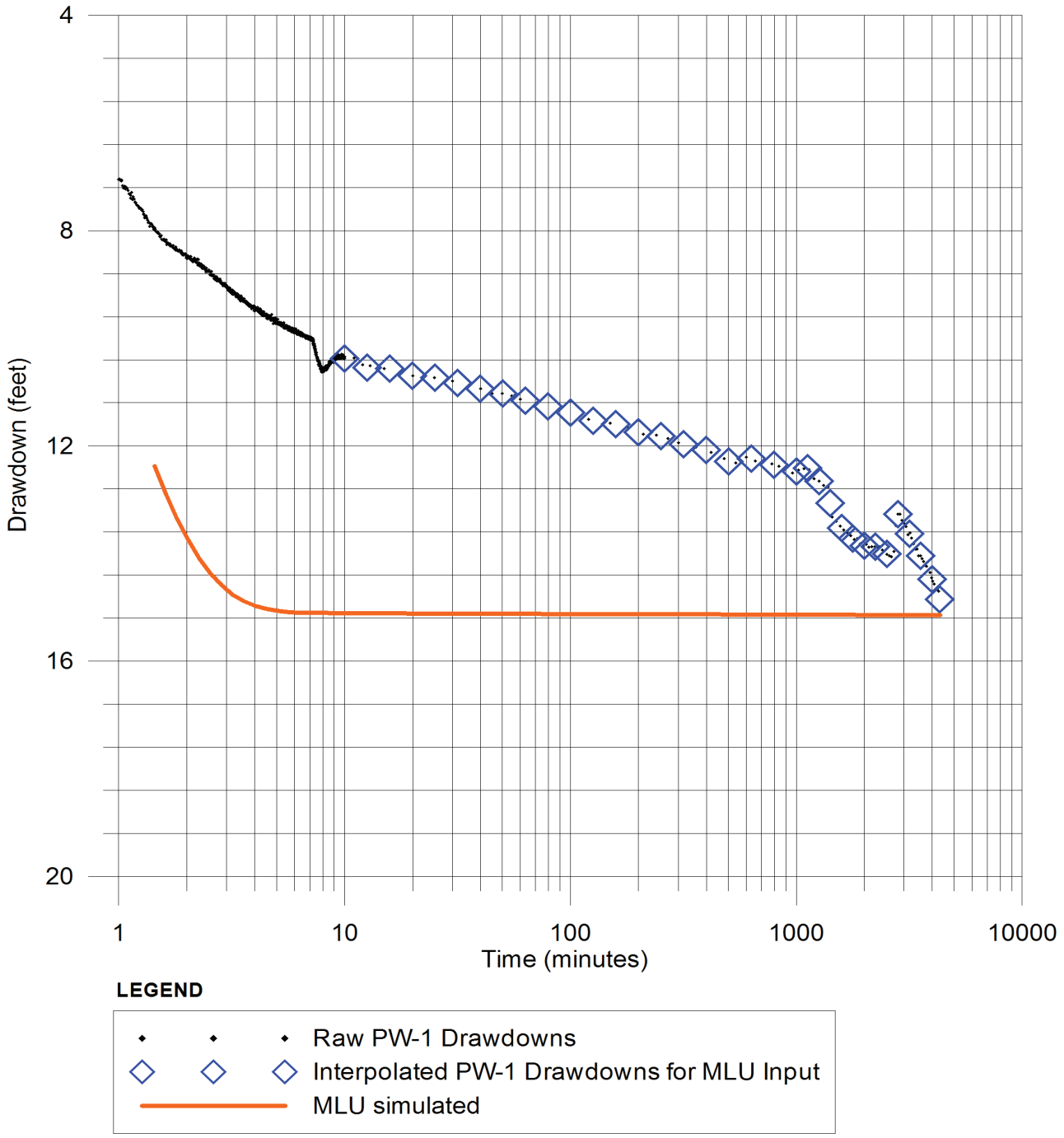
Interpolated OW-7 Drawdowns for MLU Input

MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

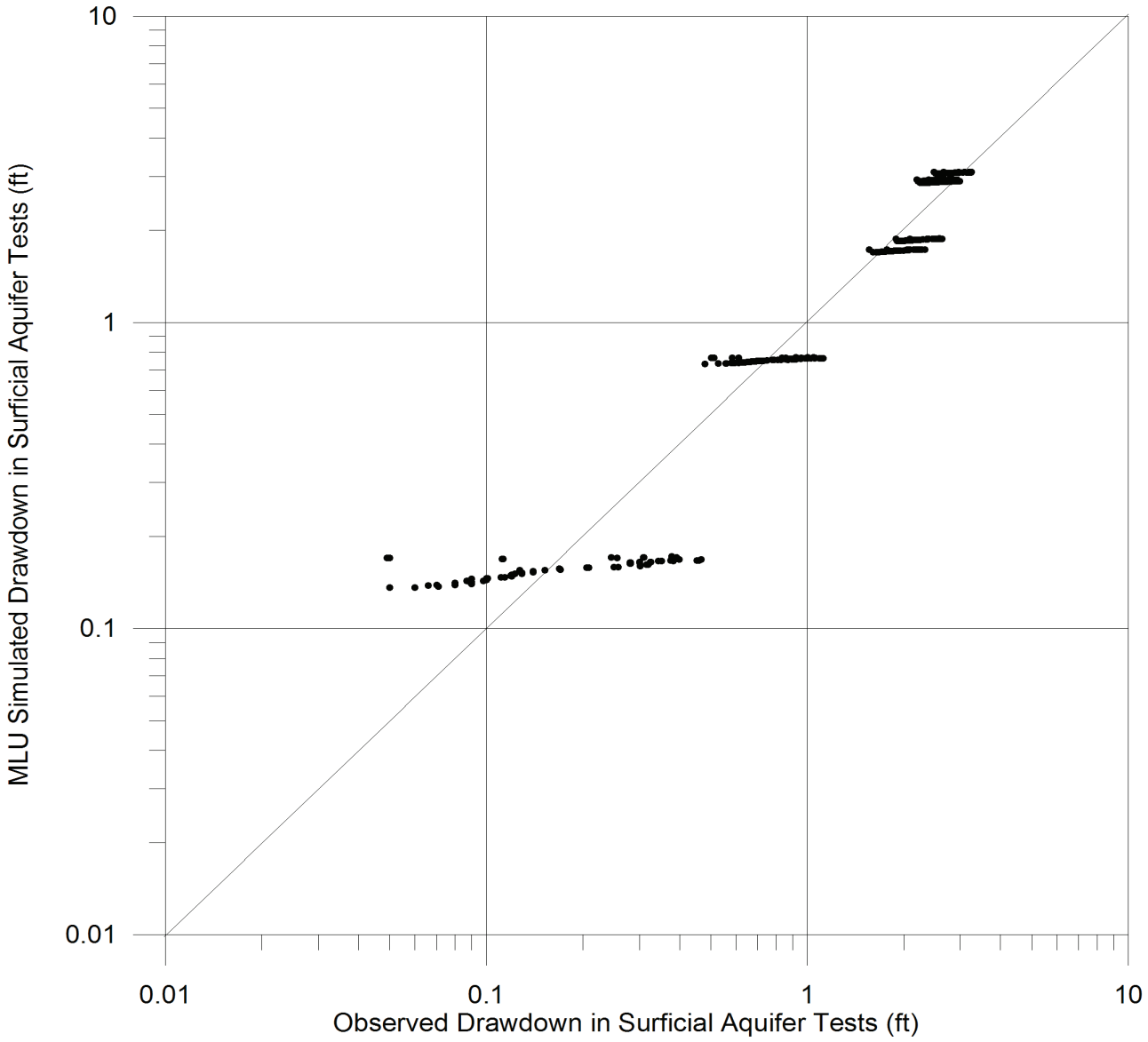
Surficial Aquifer Test Data
at Monitoring Well OW-7
FIGURE 9




Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

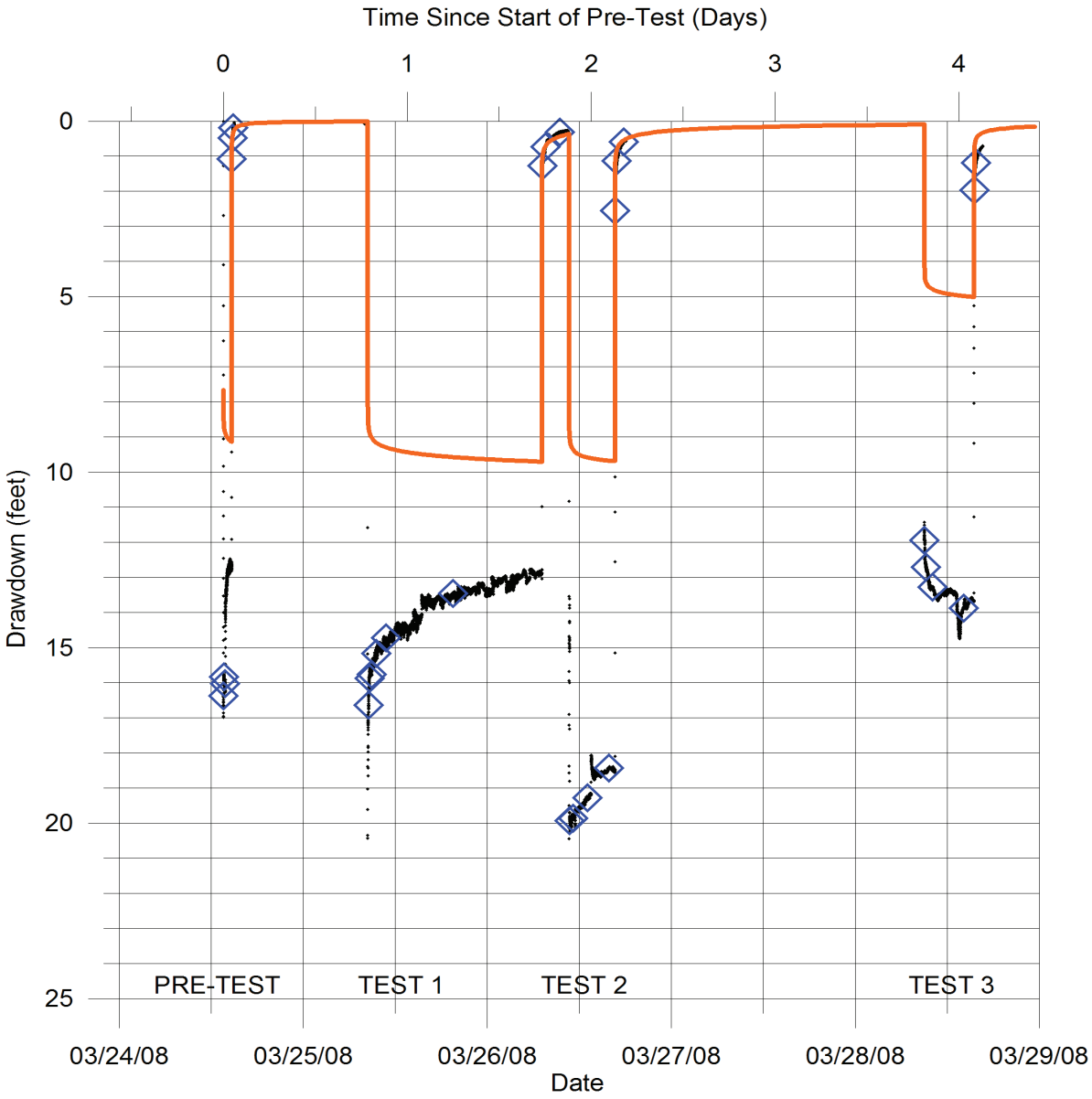
Surficial Aquifer Test Data
at Pumping Well PW-1
FIGURE 10




Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Surficial Aquifer Test Scatterplot
of Observed and Simulated Drawdown
FIGURE 11




**LEGEND**

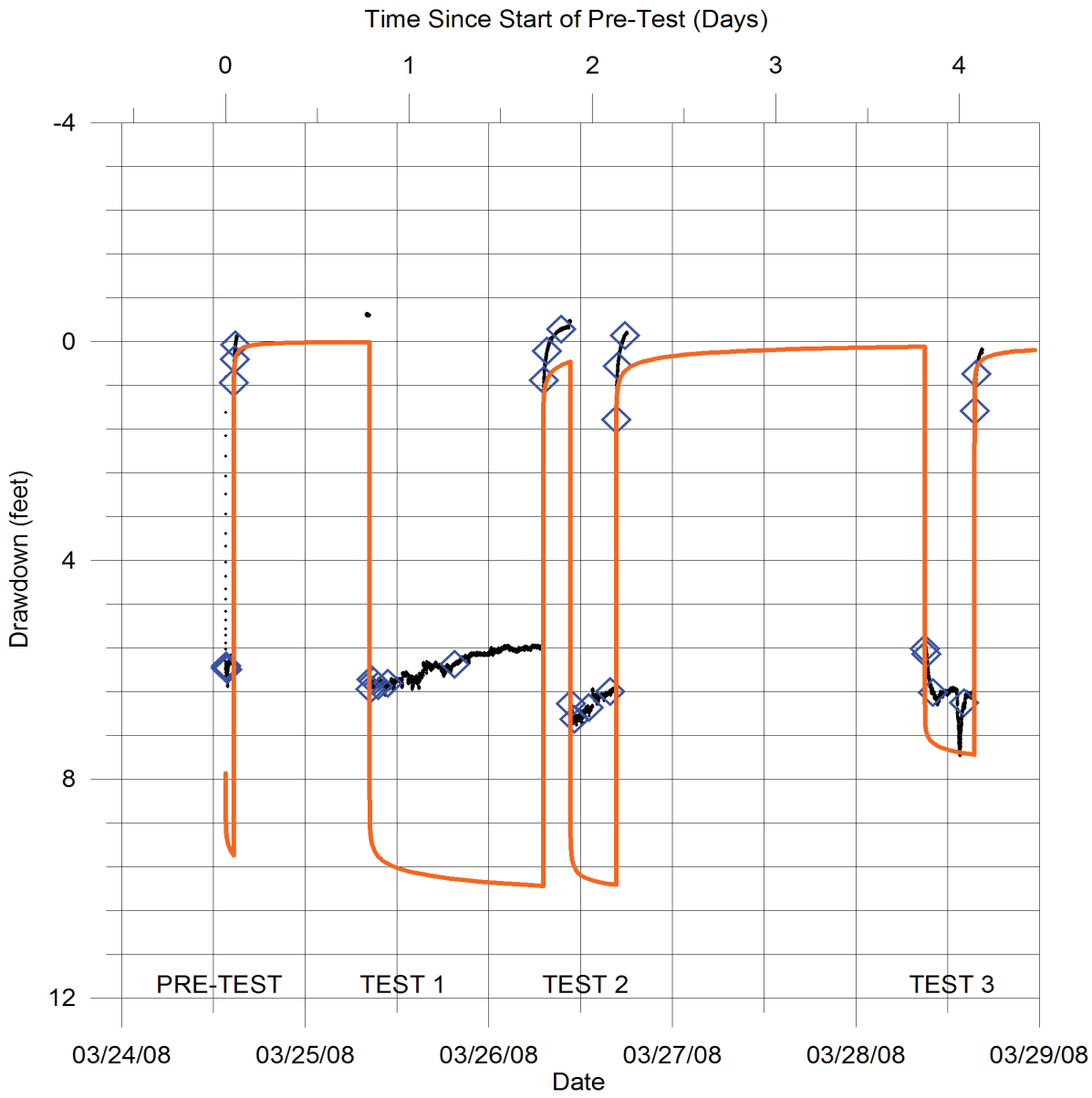
- Raw P1-1-1 Drawdowns
- Interpolated P1-1-1 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-1 (Bottom Screen)

FIGURE 12




**LEGEND**

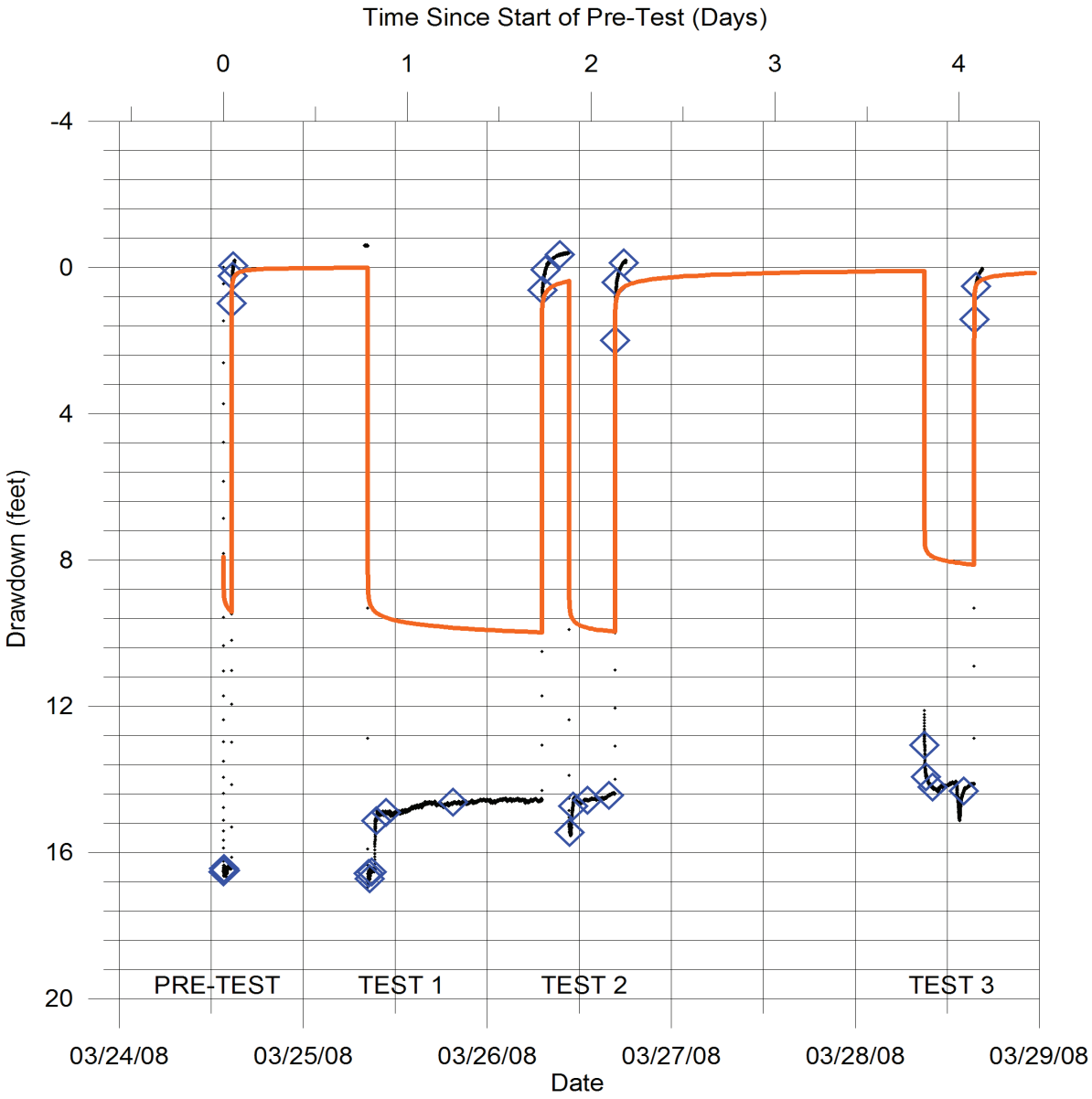
- Raw P1-1-2 Drawdowns
- Interpolated P1-1-2 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-1 (Middle Screen)

FIGURE 13




**LEGEND**

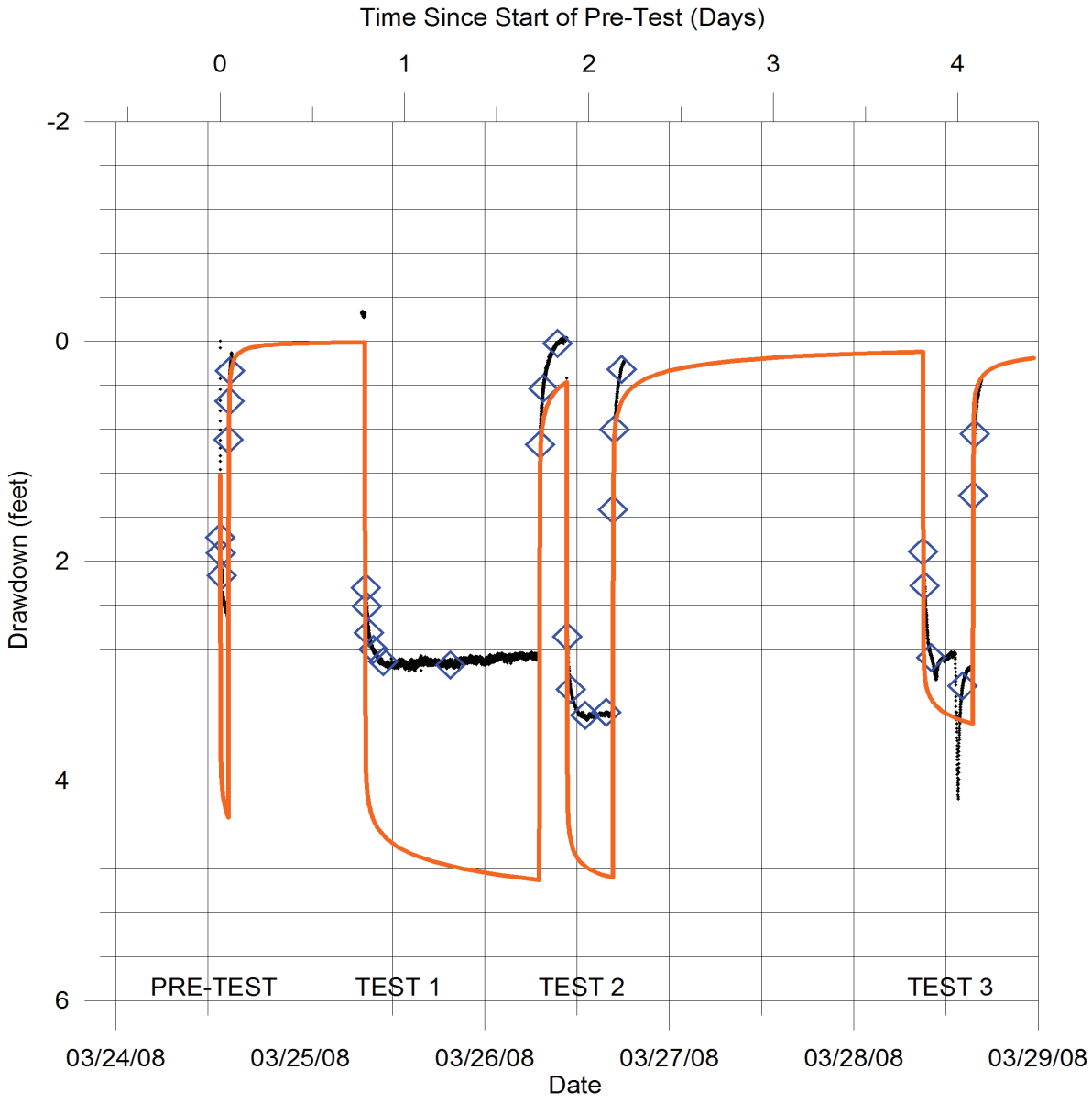
- Raw P1-1-3 Drawdowns
- Interpolated P1-1-3 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-1 (Top Screen)

FIGURE 14




**LEGEND**

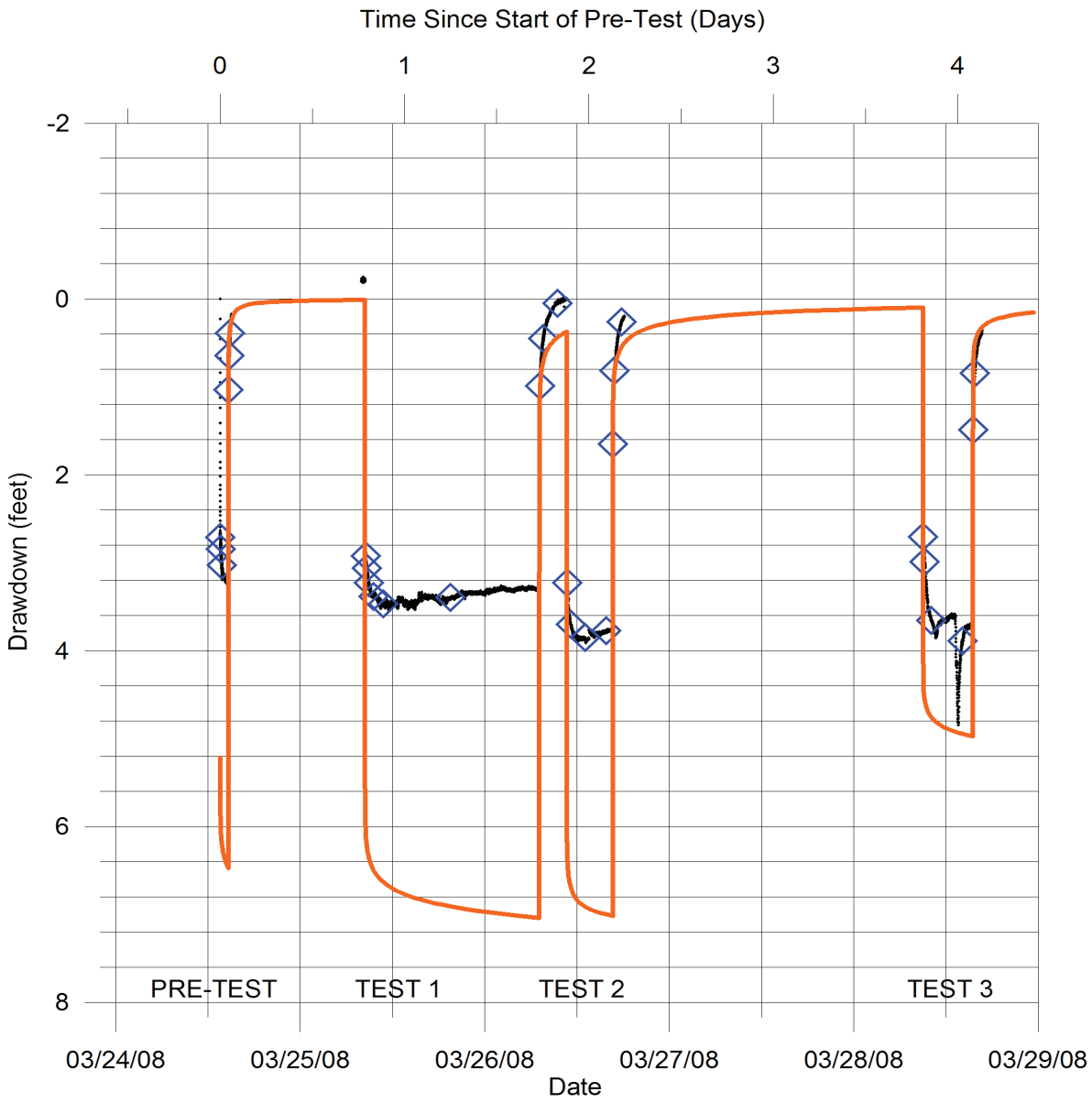
- Raw P1-2-1 Drawdowns
- Interpolated P1-2-1 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-2 (Bottom Screen)

FIGURE 15




**LEGEND**

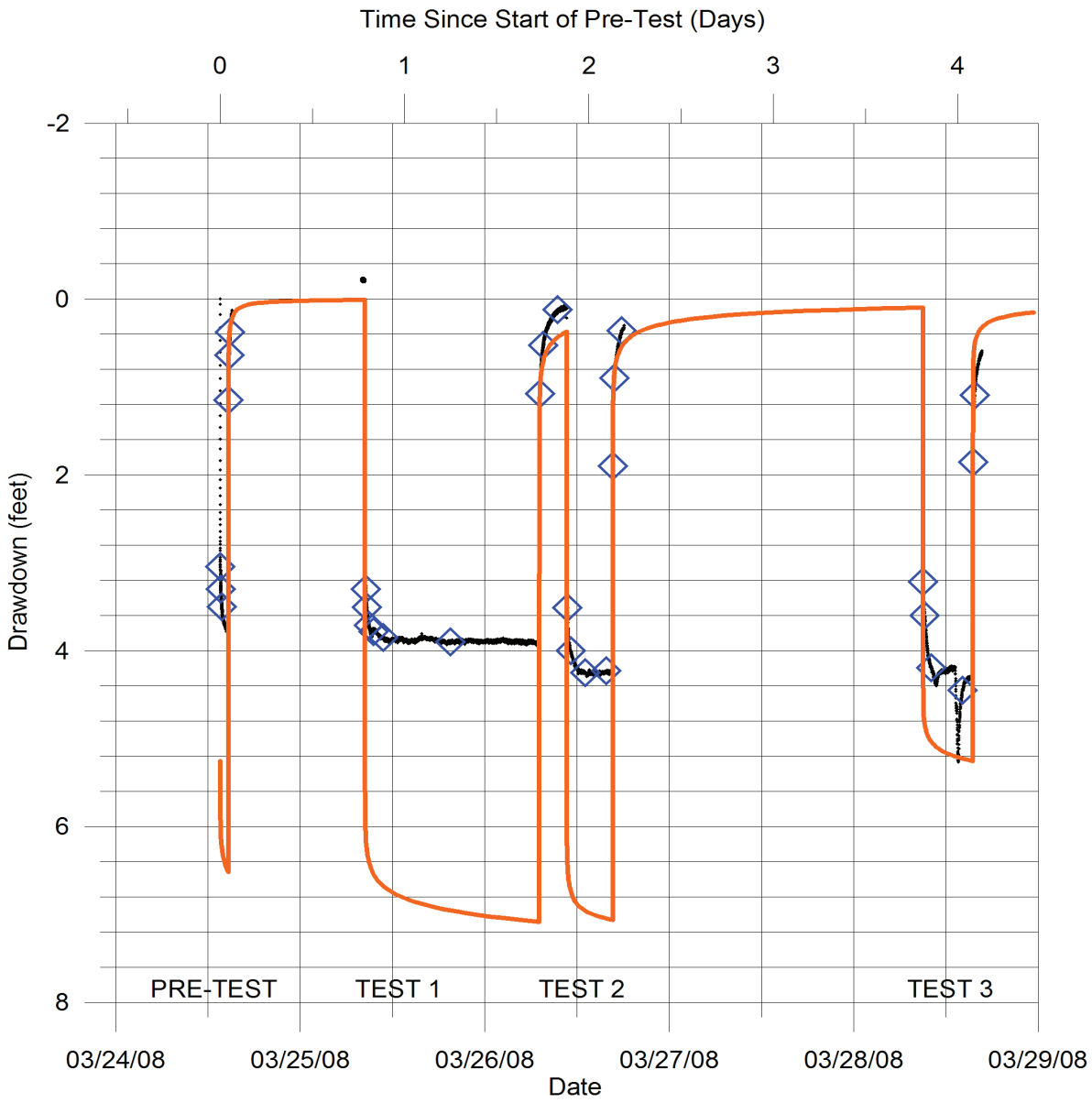
- Raw P1-2-2 Drawdowns
- Interpolated P1-2-2 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-2 (Middle Screen)

FIGURE 16




**LEGEND**

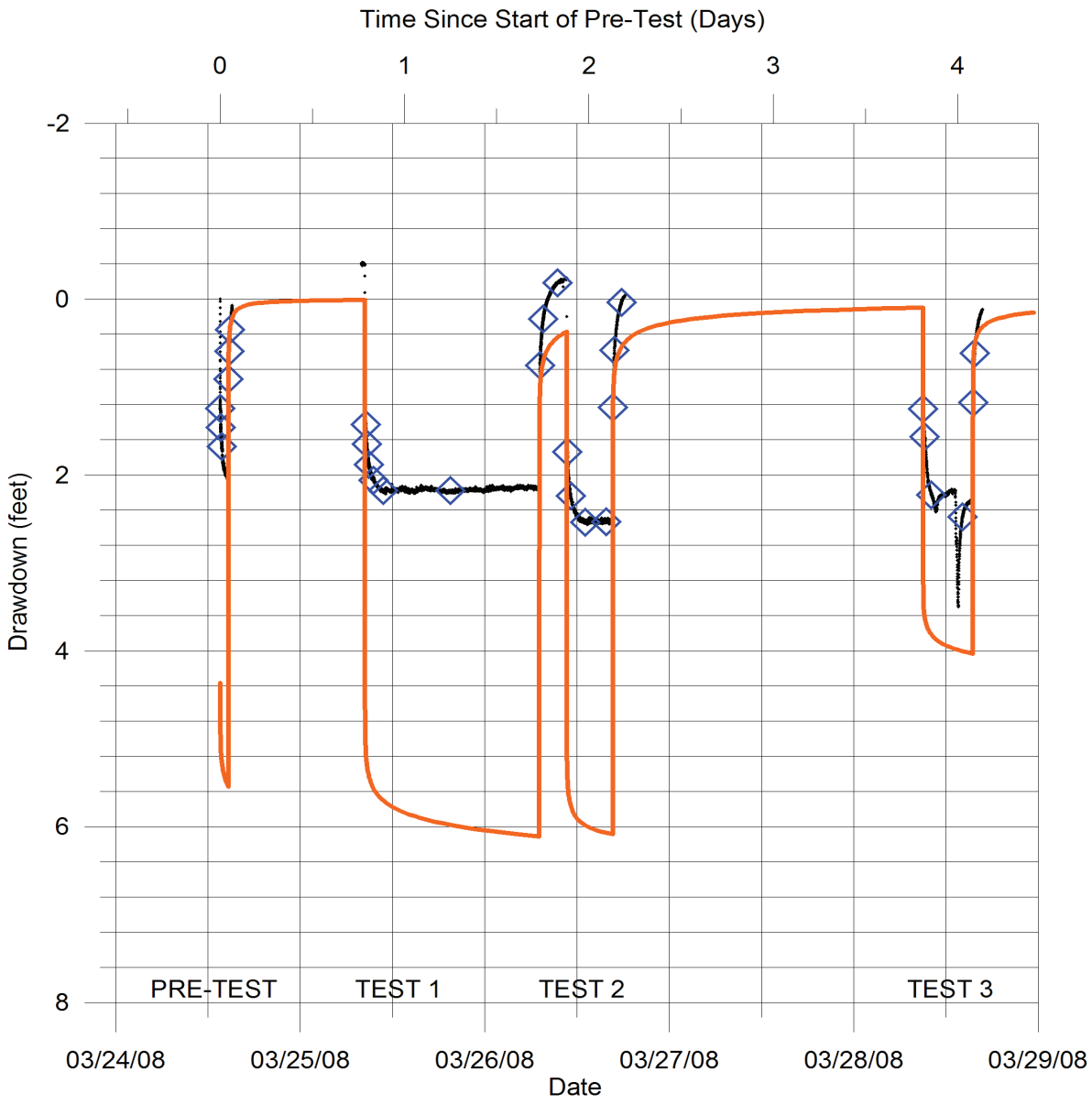
- Raw P1-2-3 Drawdowns
- Interpolated P1-2-3 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-2 (Top Screen)

FIGURE 17




**LEGEND**

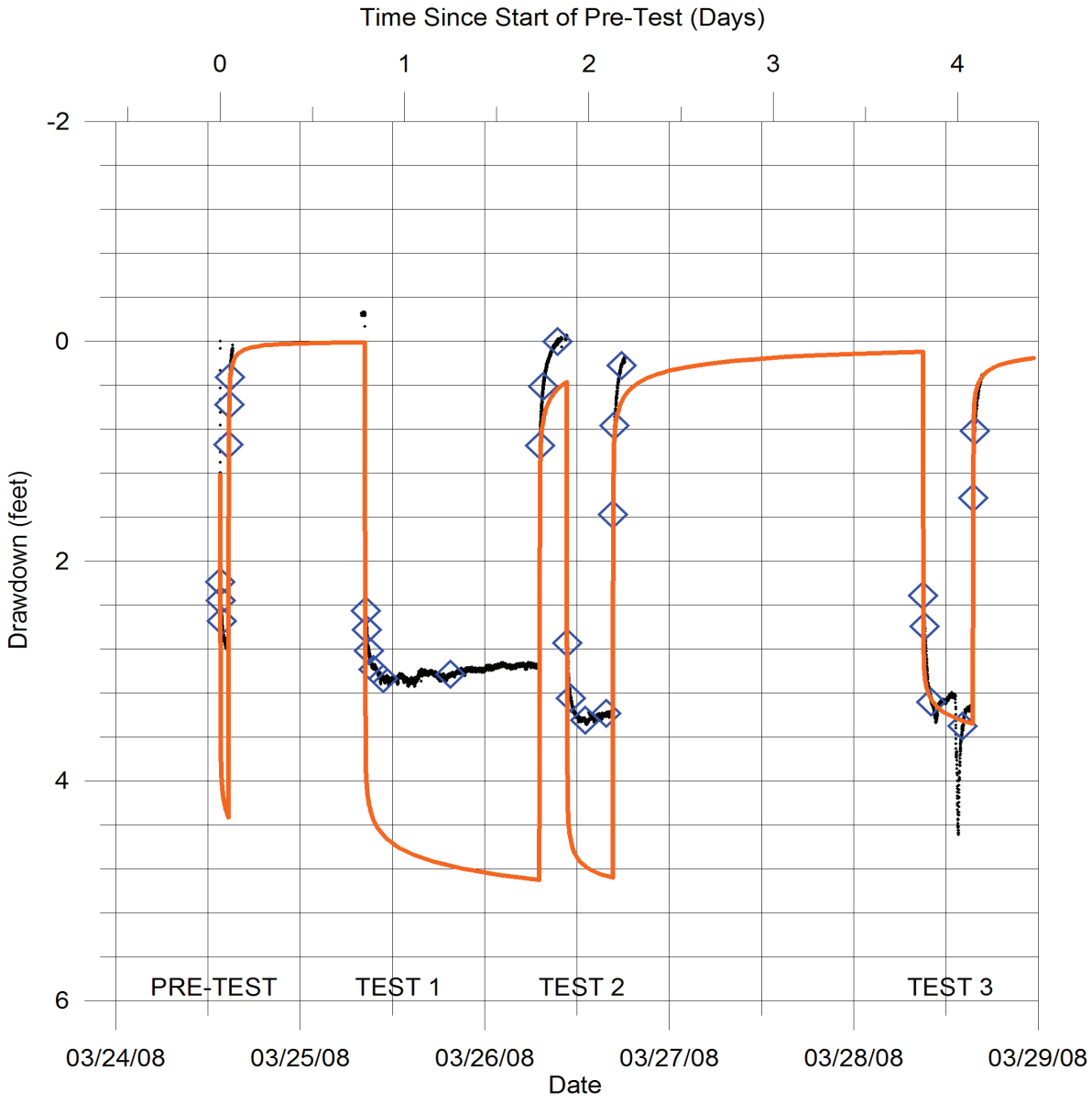
- Raw P1-3-1 Drawdowns
- Interpolated P1-3-1 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-3 (Bottom Screen)

FIGURE 18




**LEGEND**

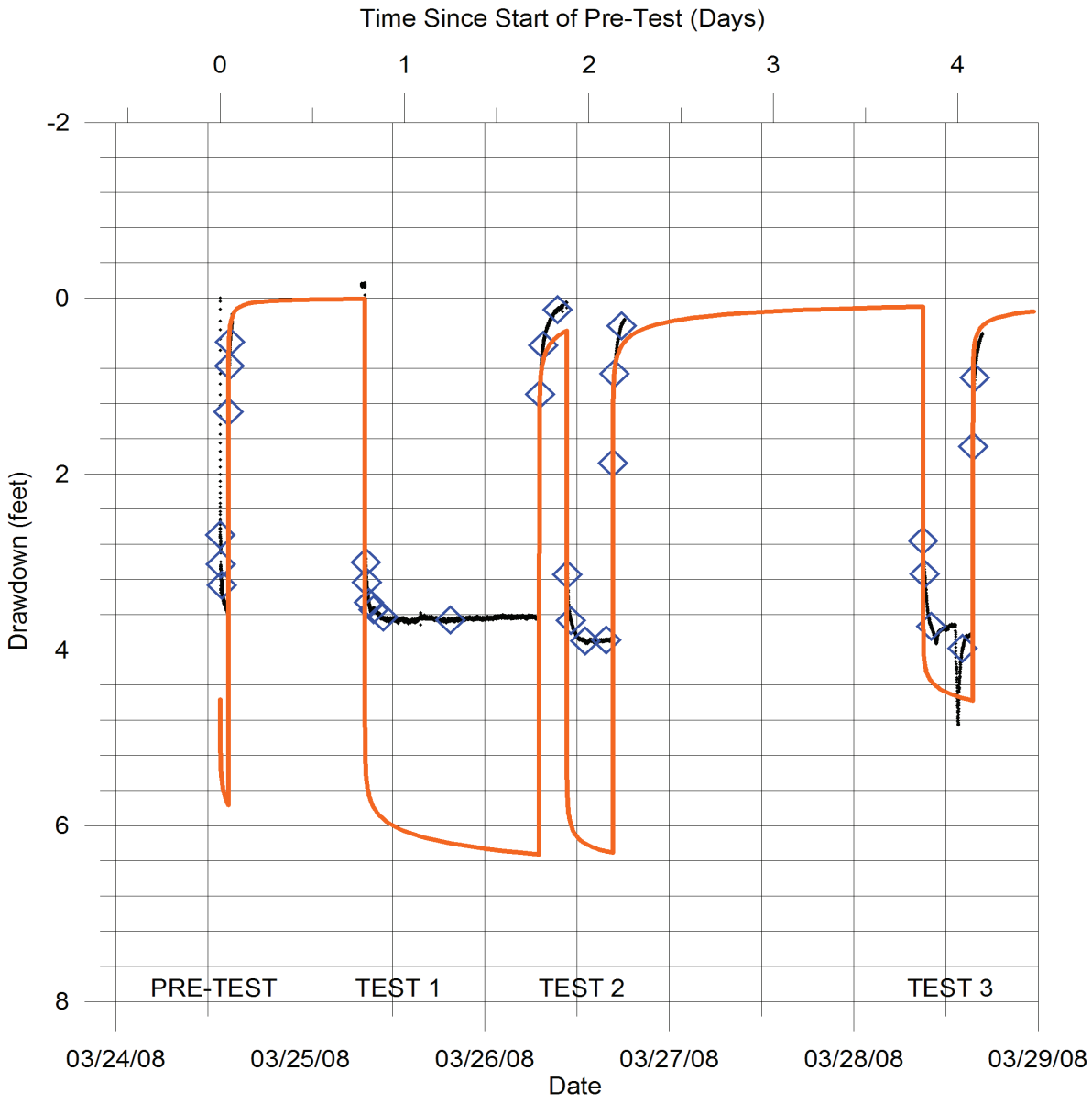
- Raw P1-3-2 Drawdowns
- Interpolated P1-3-2 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-3 (Middle Screen)

FIGURE 19




**LEGEND**

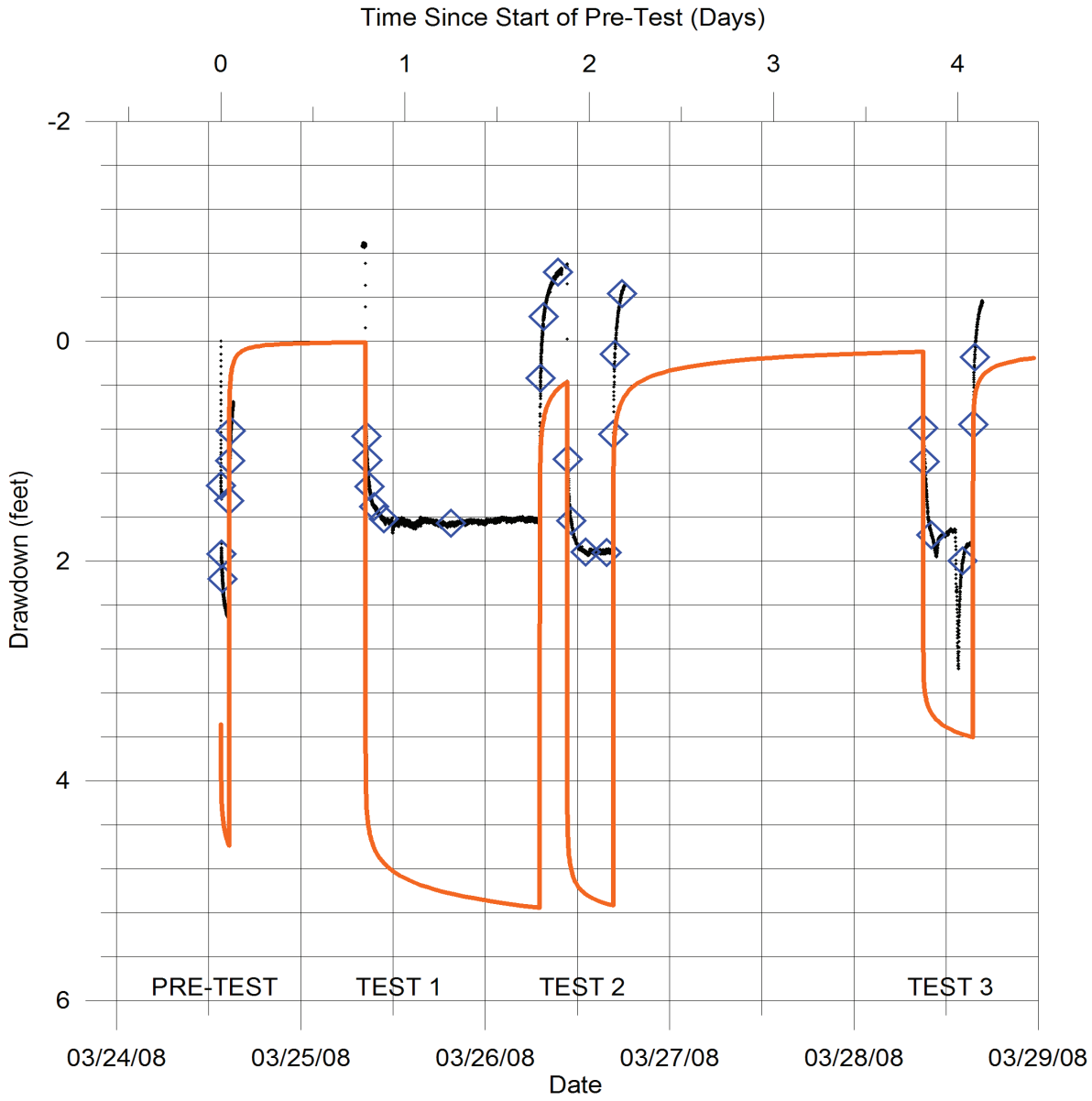
- Raw P1-3-3 Drawdowns
- Interpolated P1-3-3 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-3 (Top Screen)

FIGURE 20




**LEGEND**

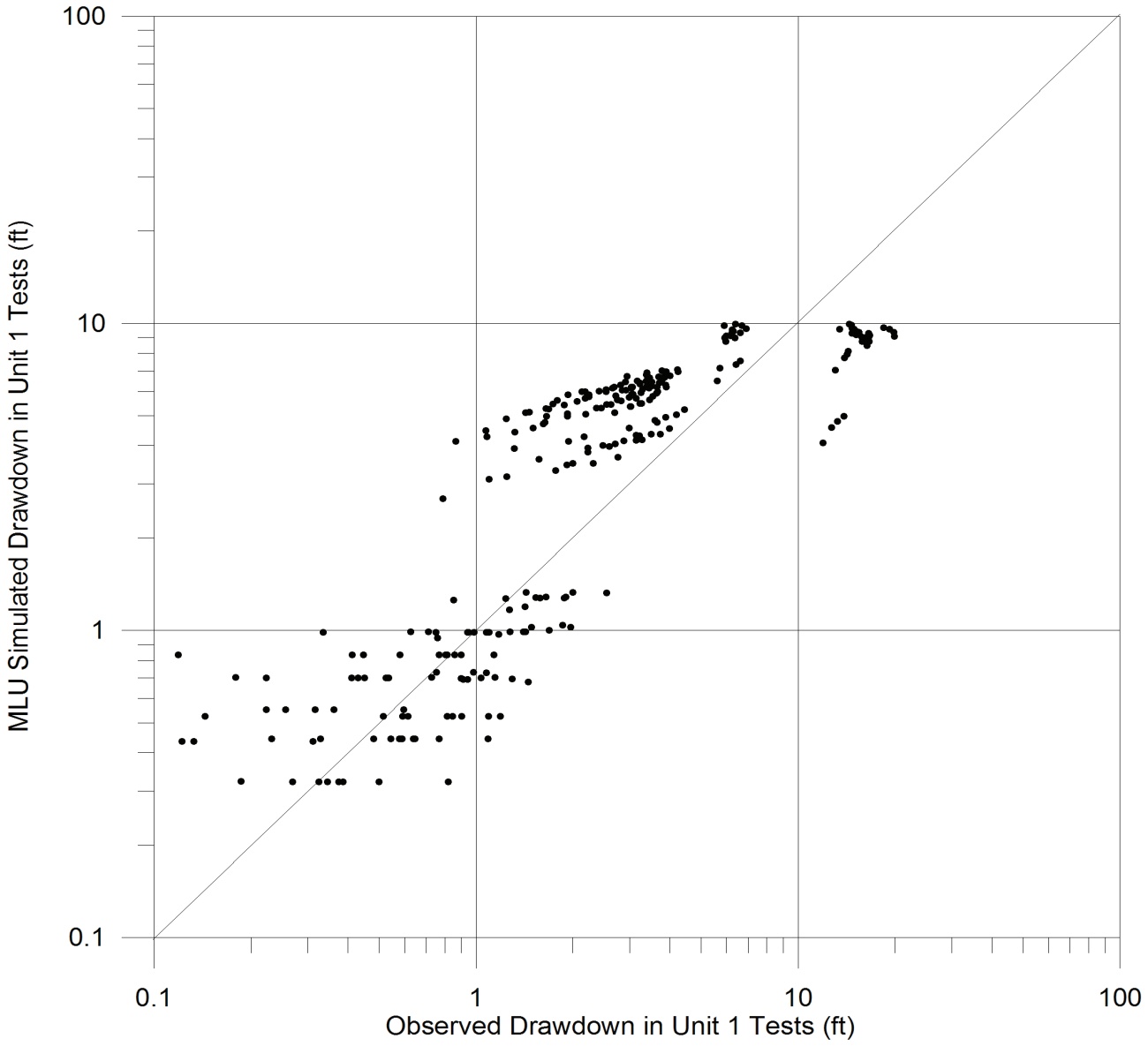
- Raw P1-4-1 Drawdowns
- Interpolated P1-4-1 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test Data at Monitoring Well P1-4

FIGURE 21

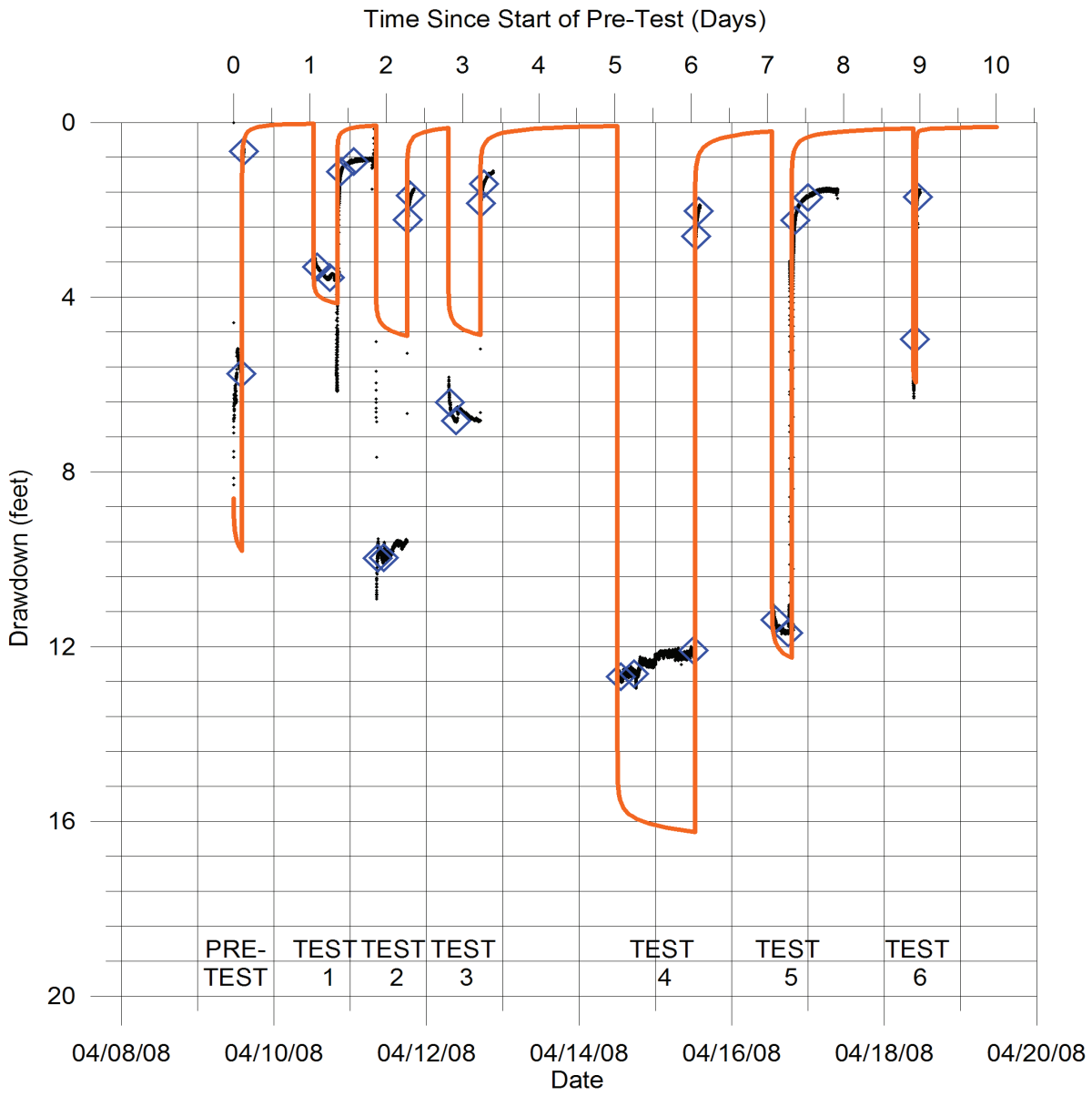



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 1 Upper Floridan Aquifer Test
Scatterplot of Observed and Simulated Drawdown

FIGURE 22

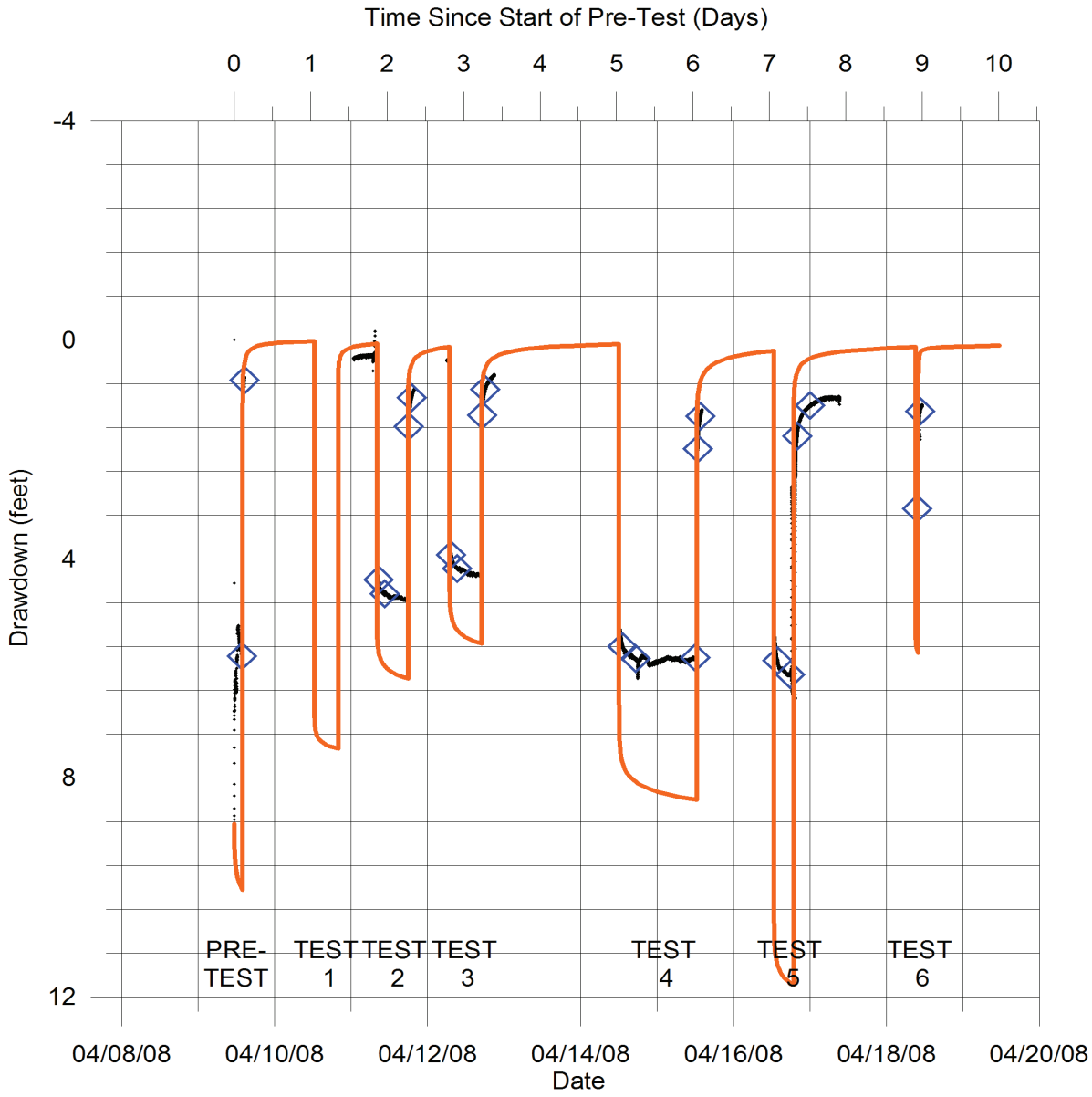



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-1 (Bottom Screen)

FIGURE 23




**LEGEND**

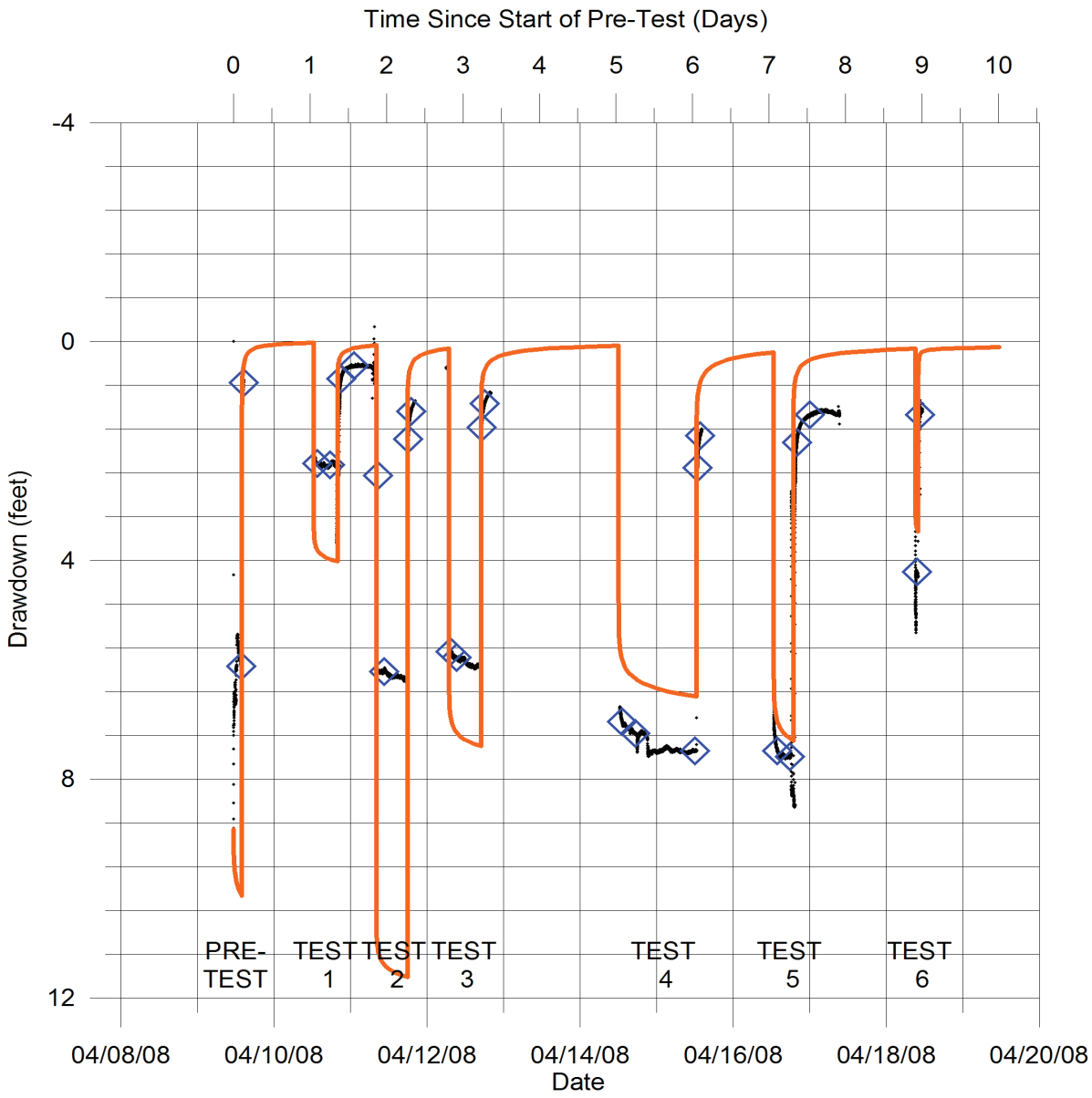
- Raw P2-1-2 Drawdowns
- Interpolated P2-1-2 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-1 (Lower Middle Screen)

FIGURE 24

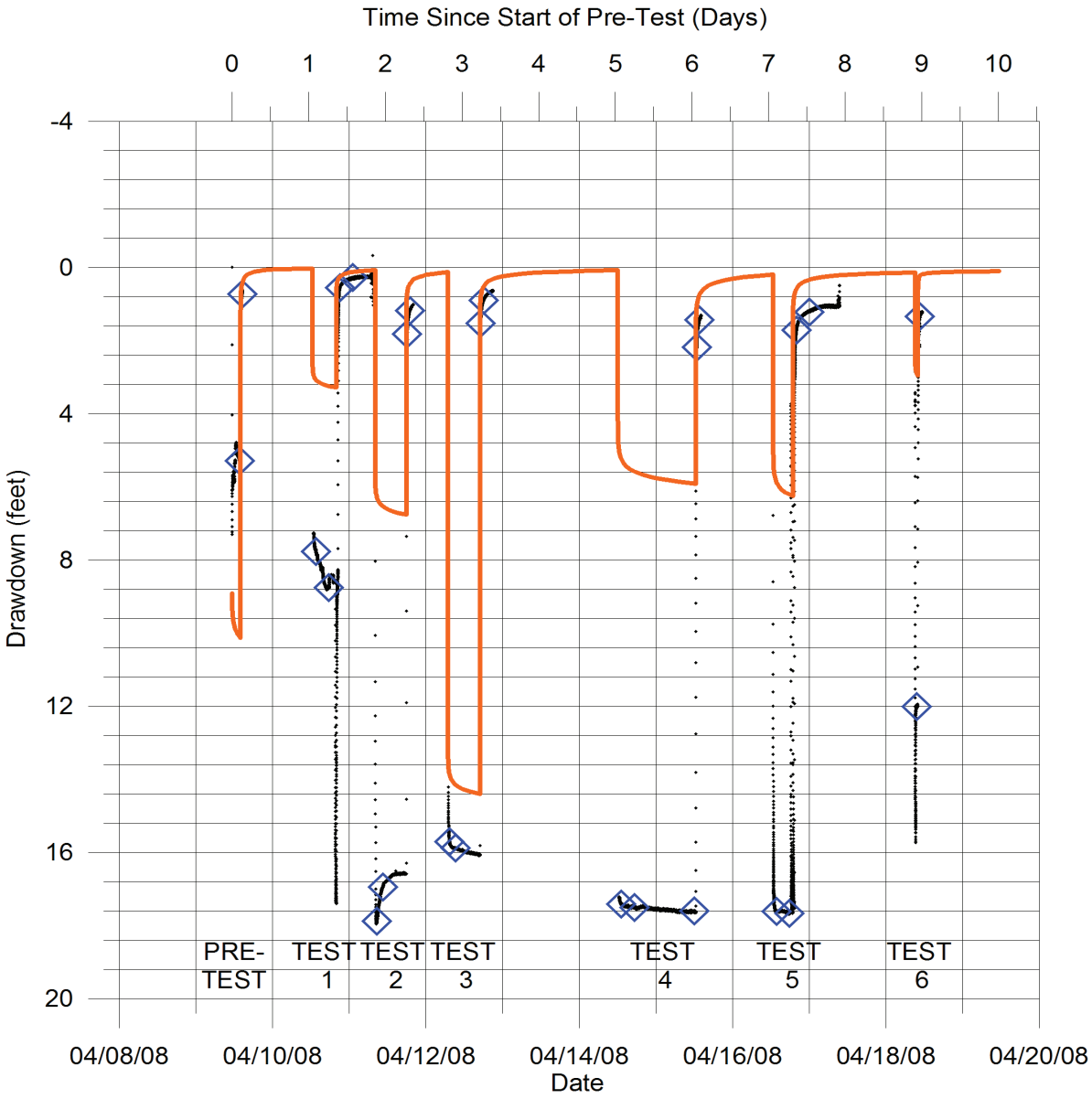



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-1 (Upper Middle Screen)

FIGURE 25

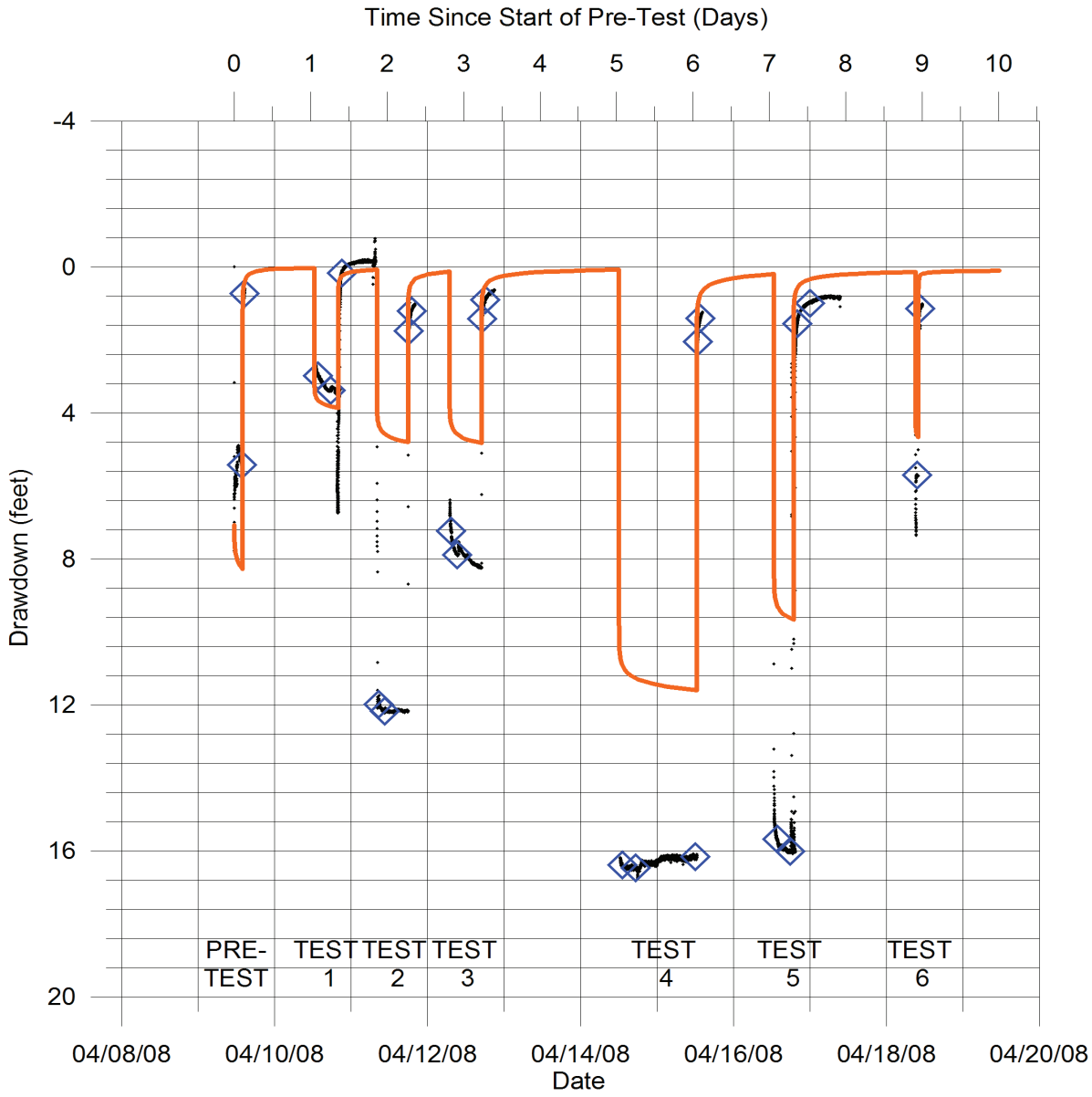



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-1 (Top Screen)

FIGURE 26

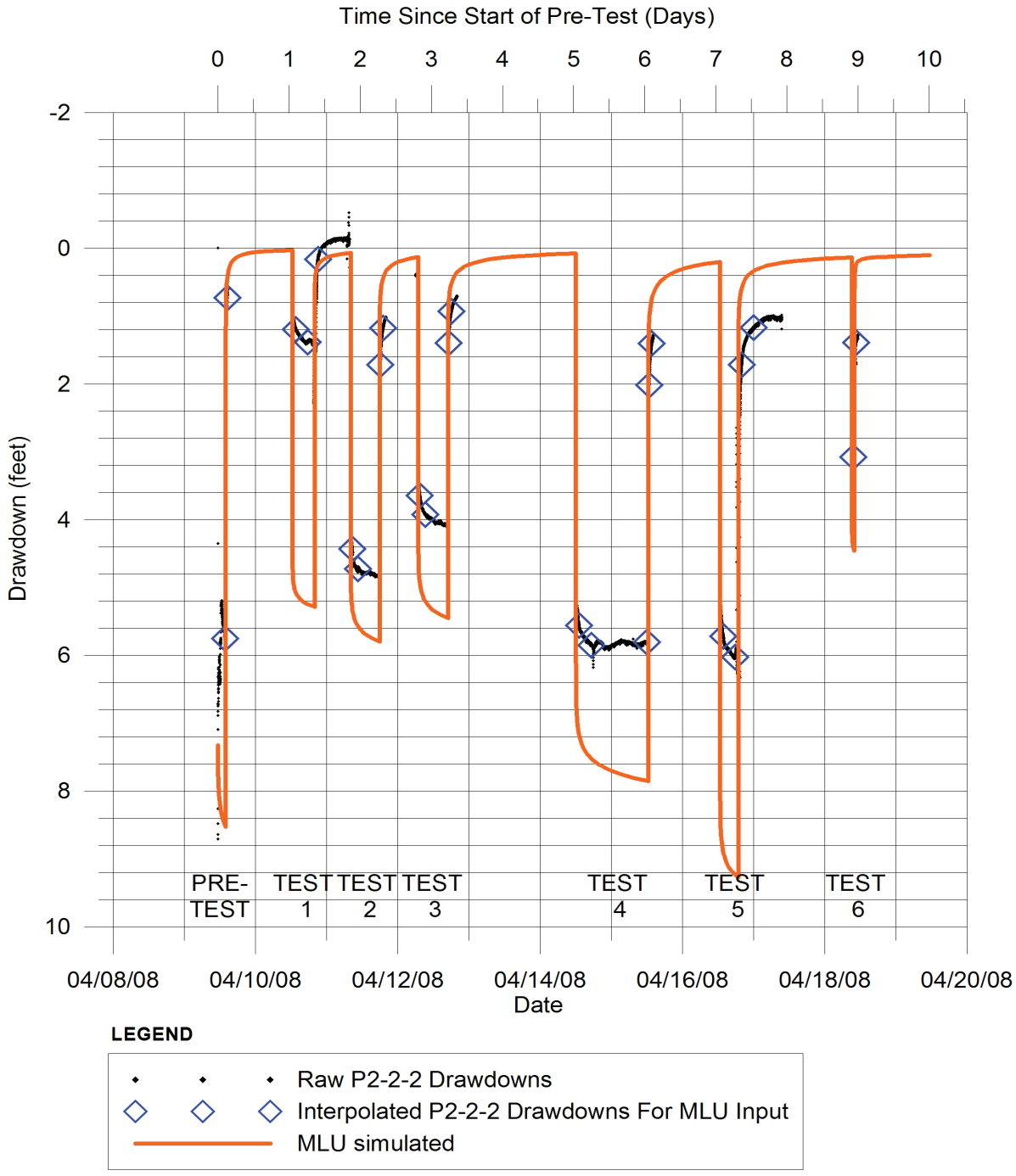



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-2 (Bottom Screen)

FIGURE 27

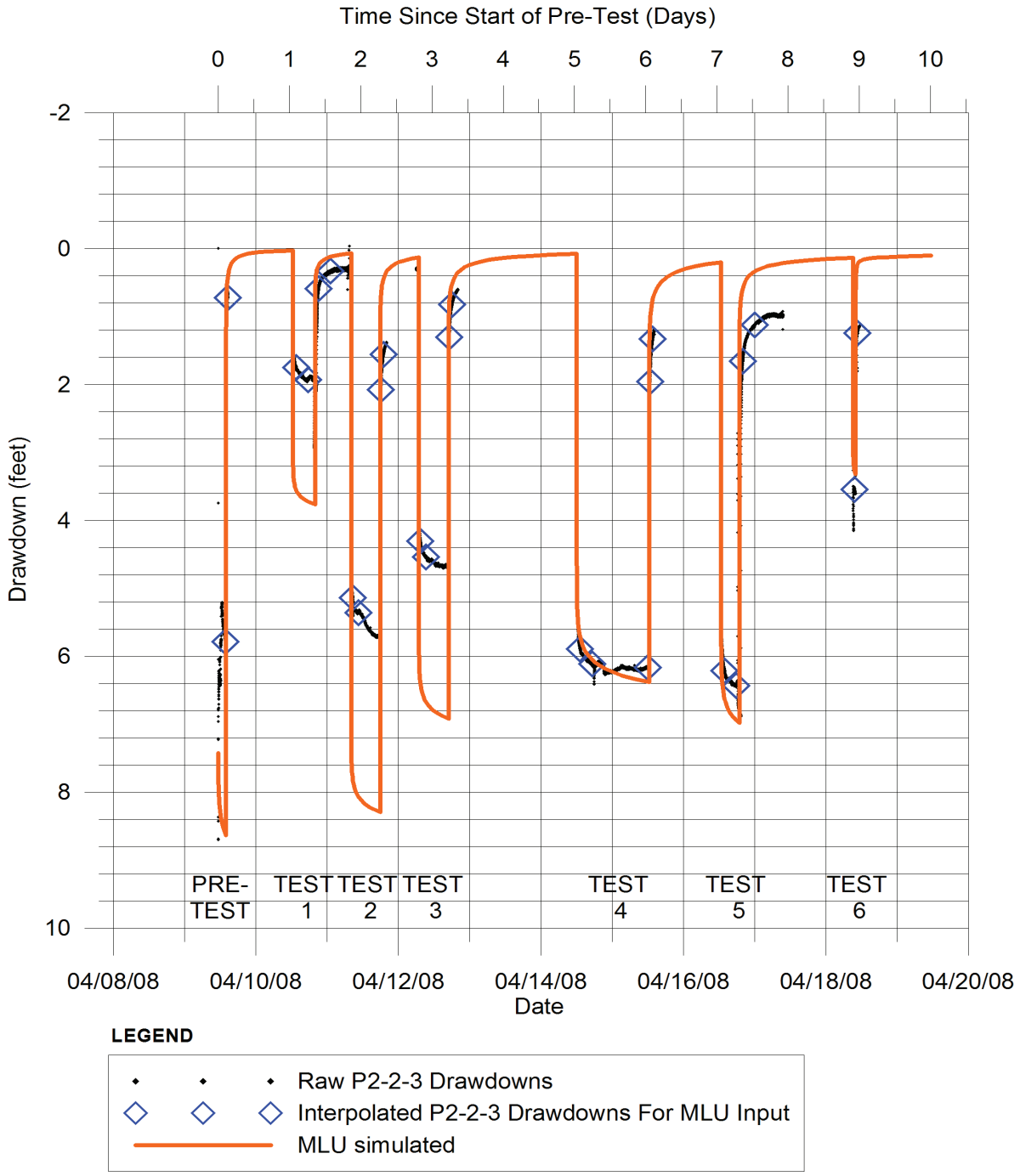



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-2 (Lower Middle Screen)

FIGURE 28

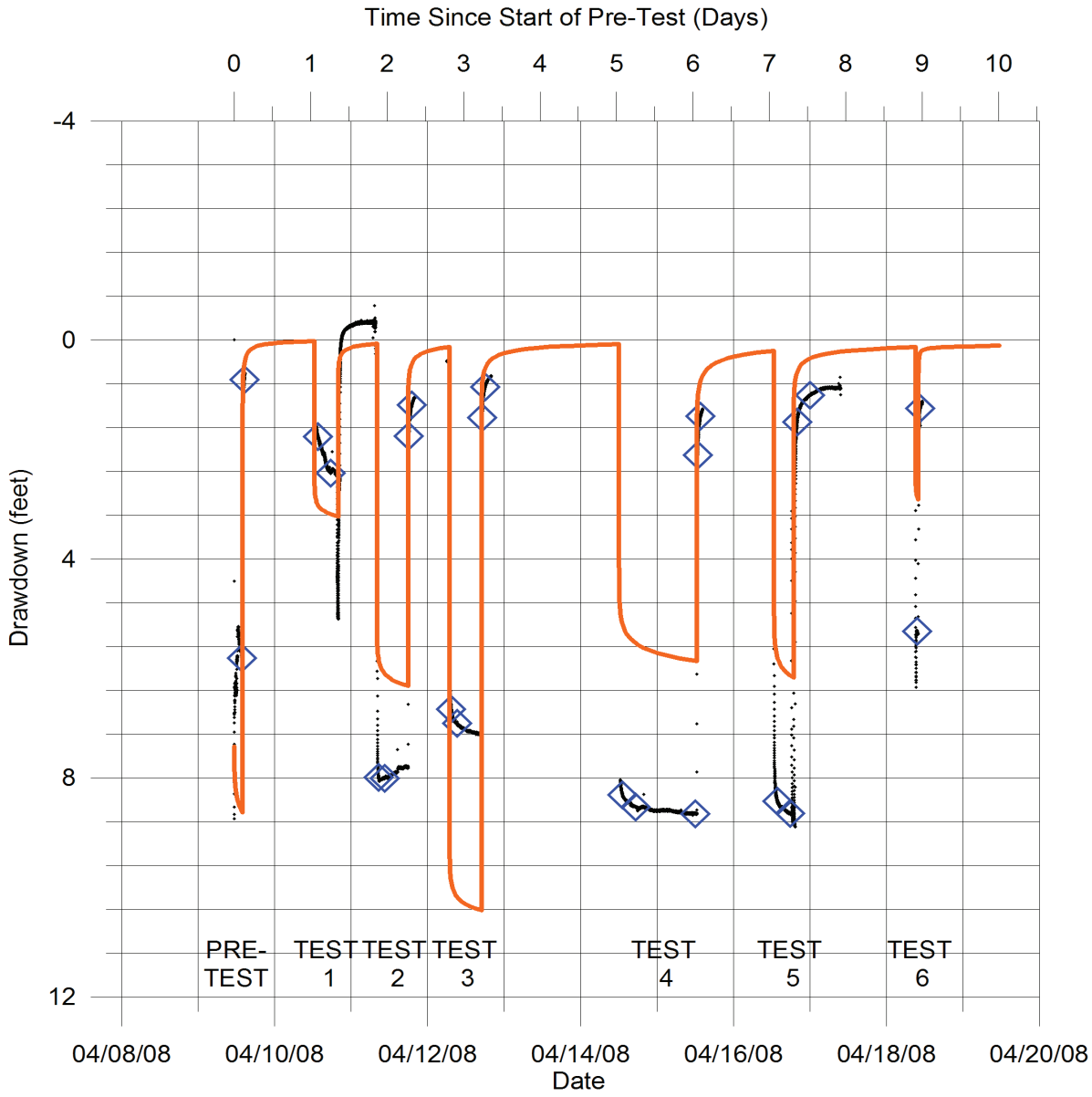



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-2 (Upper Middle Screen)

FIGURE 29




**LEGEND**

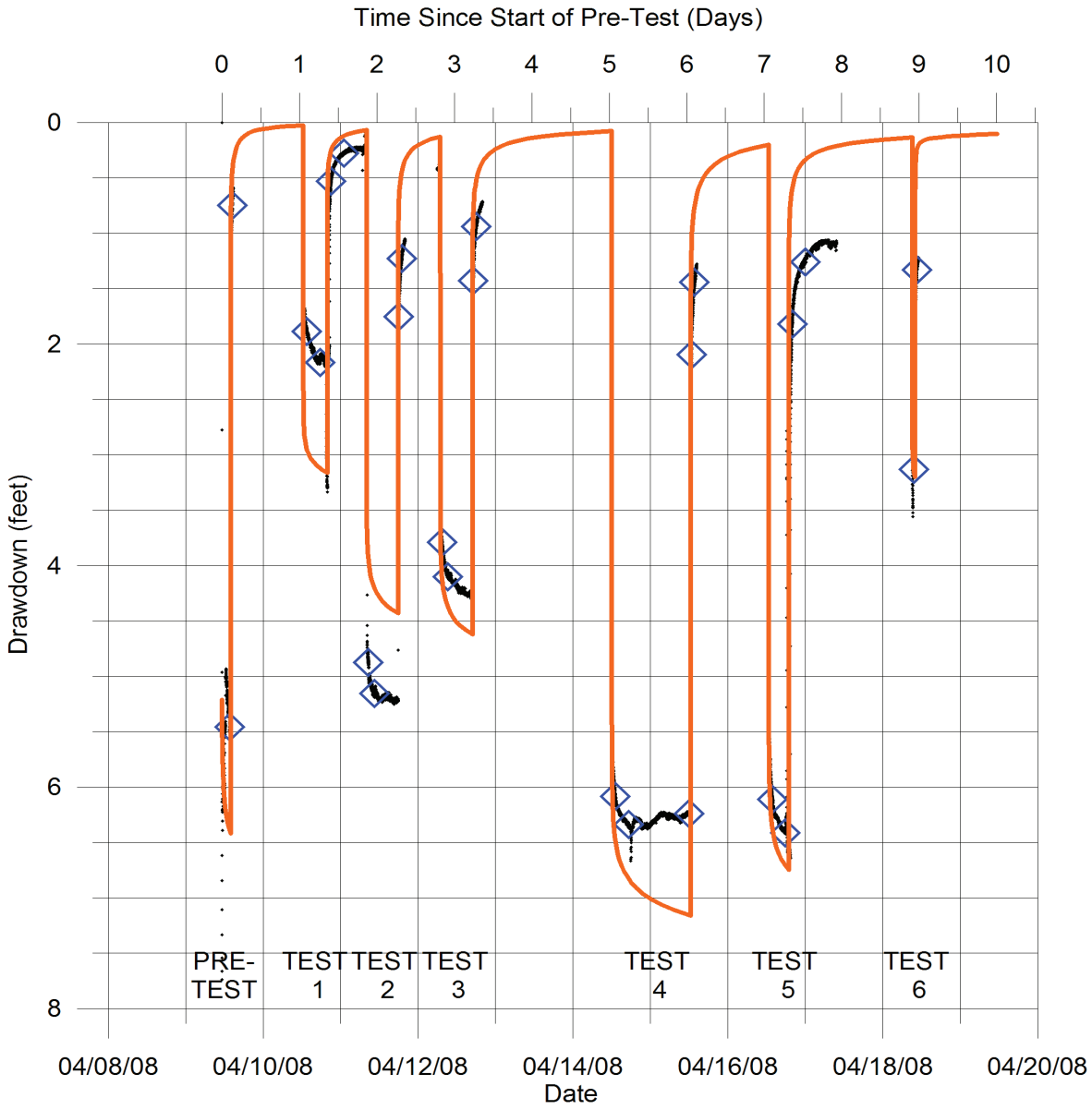
- Raw P2-2-4 Drawdowns
- Interpolated P2-2-4 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-2 (Top Screen)

FIGURE 30




**LEGEND**

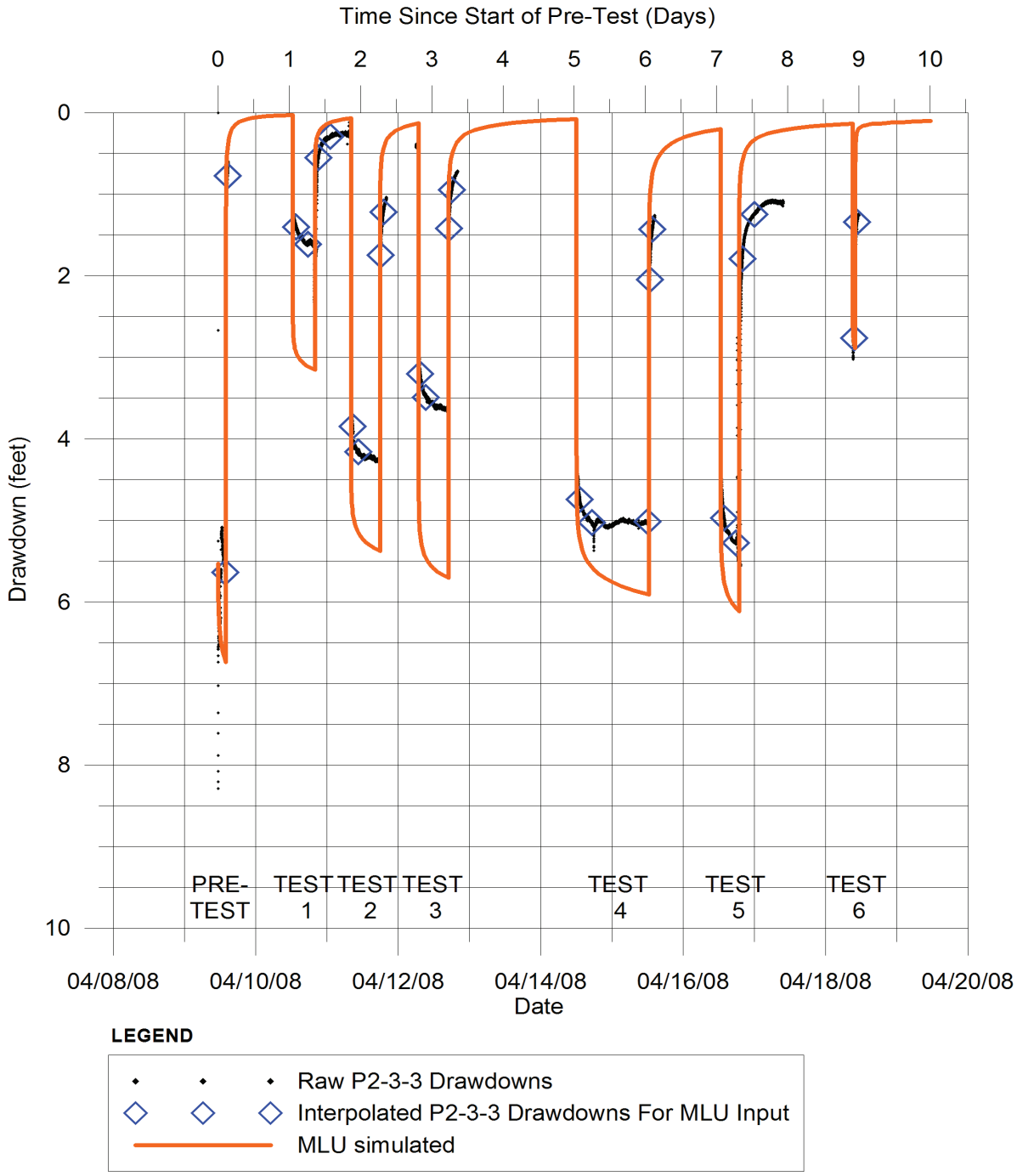
- Raw P2-3-1 Drawdowns
- Interpolated P2-3-1 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-3 (Bottom Screen)

FIGURE 31

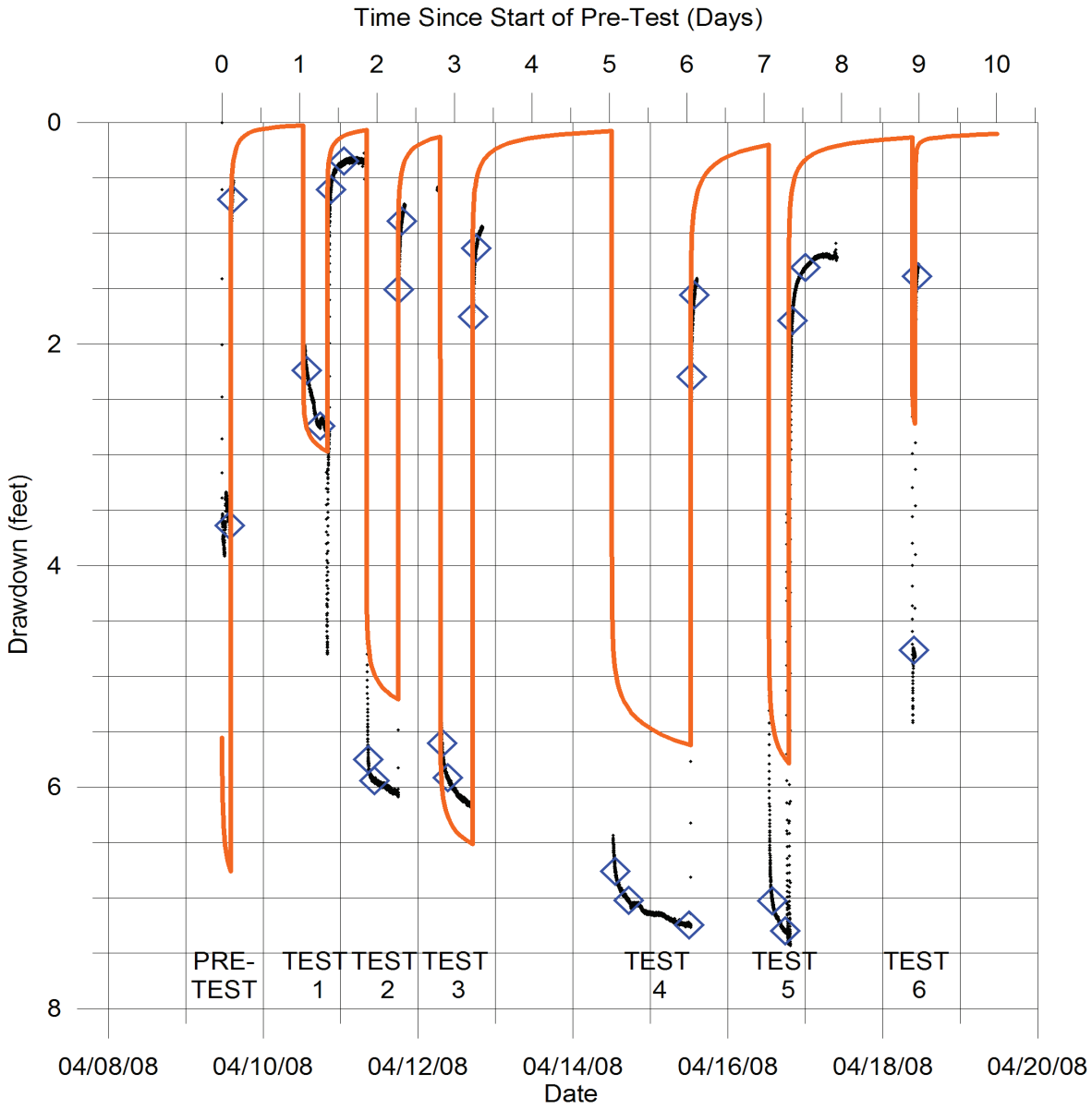



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-3 (Upper Middle Screen)

FIGURE 32

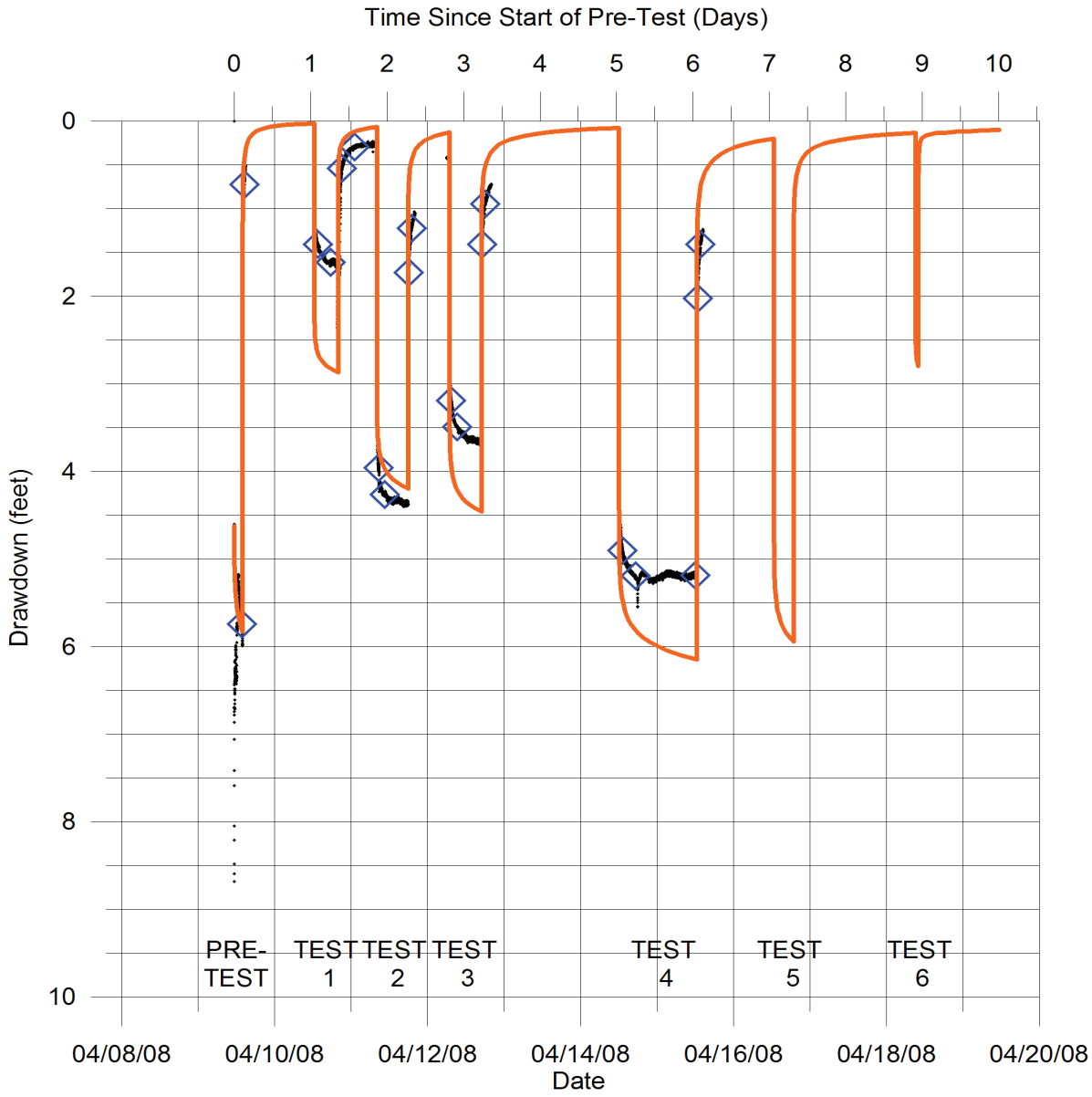



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-3 (Top Screen)

FIGURE 33

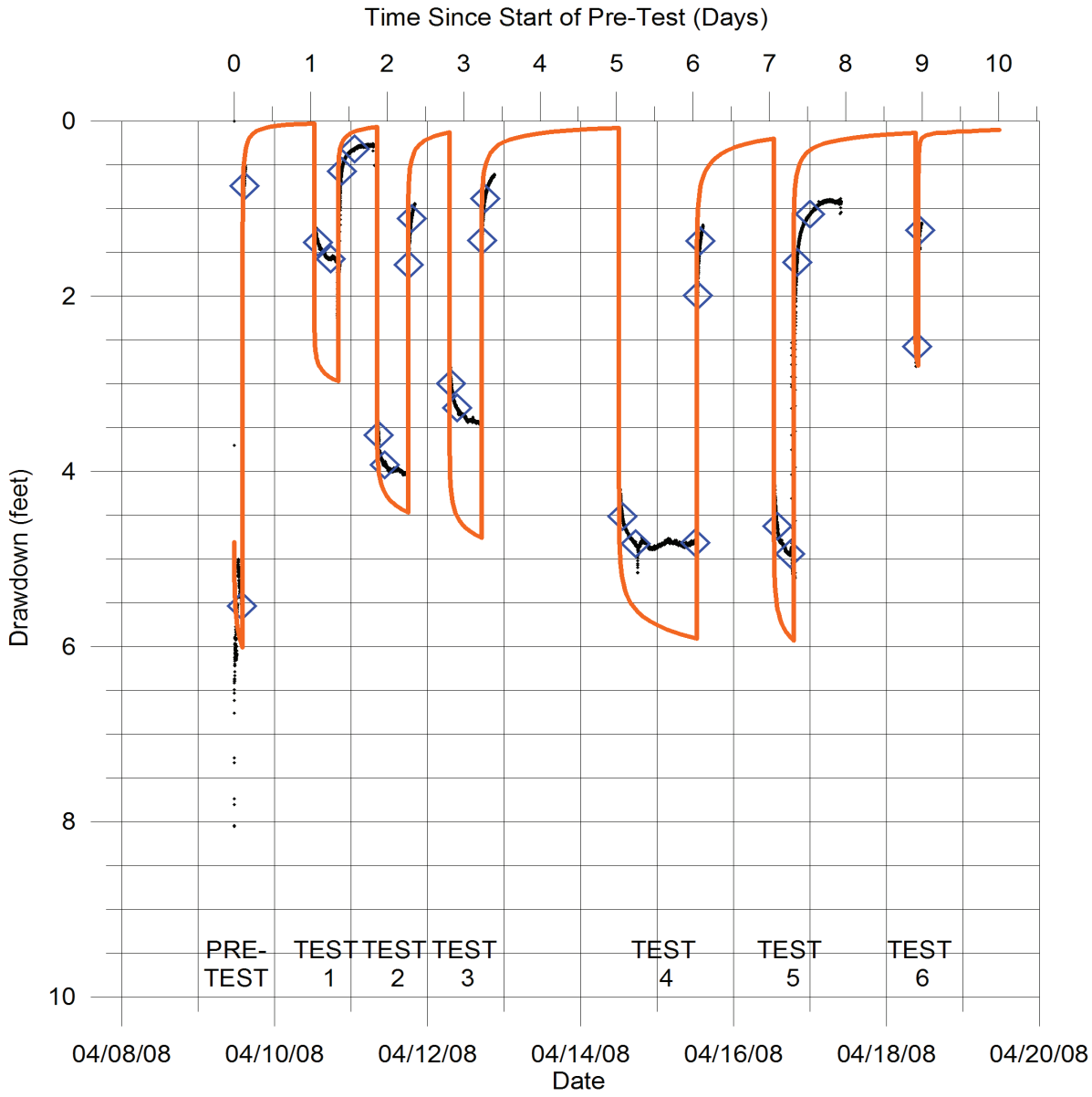



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-4 (Bottom Screen)

FIGURE 34




**LEGEND**

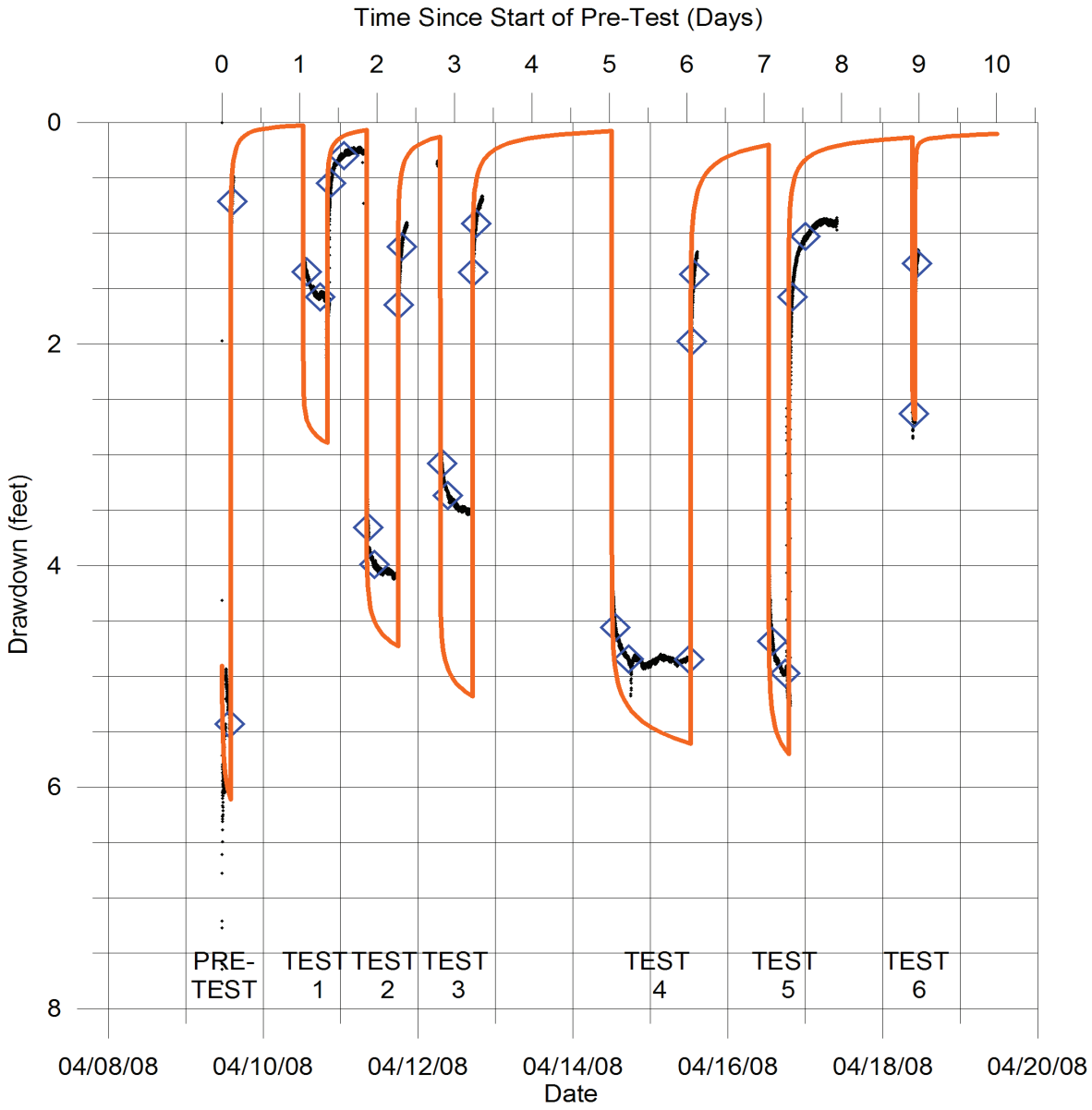
- Raw P2-4-2 Drawdowns
- Interpolated P2-4-2 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-4 (Lower Middle Screen)

FIGURE 35




**LEGEND**

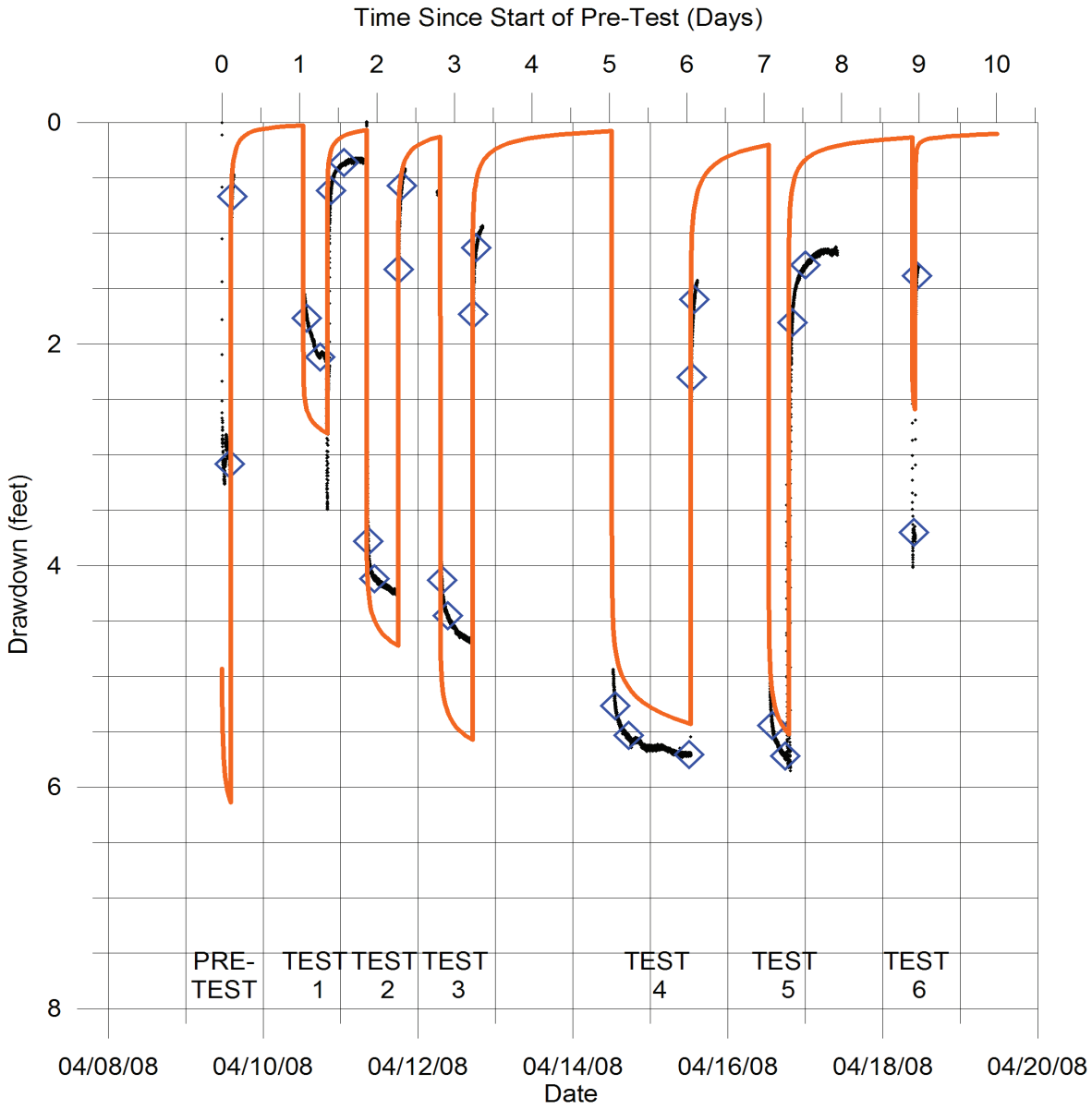
- Raw P2-4-3 Drawdowns
- Interpolated P2-4-3 Drawdowns For MLU Input
- MLU simulated

Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-4 (Upper Middle Screen)

FIGURE 36

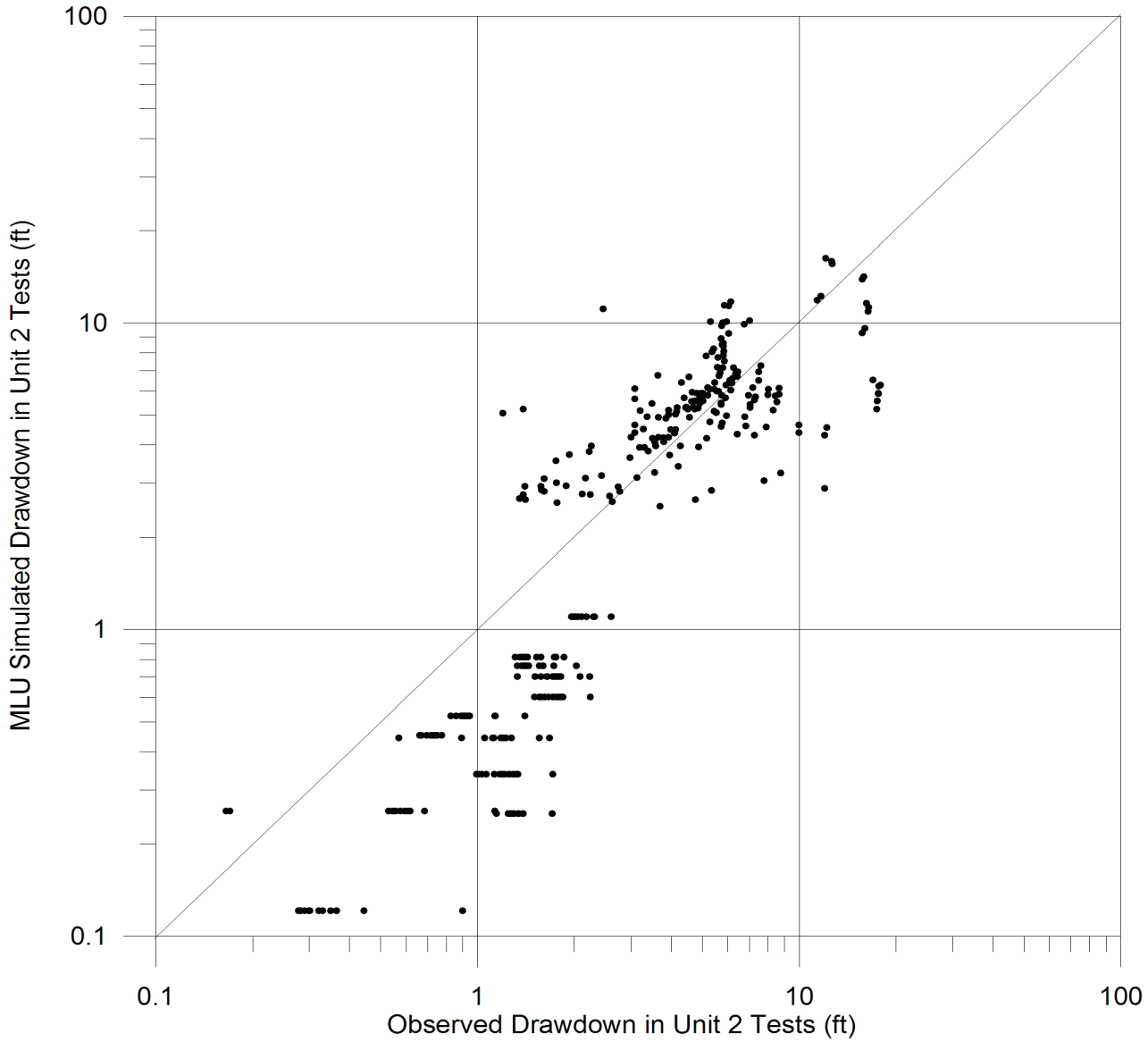



Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test Data at Monitoring Well P2-4 (Top Screen)

FIGURE 37




Progress Energy Florida

**Levy Nuclear Plant**
**Units 1 and 2**

Unit 2 Upper Floridan Aquifer Test
Scatterplot of Observed and Simulated Drawdown

FIGURE 38