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King, Mark

From: King, Mark *MR*
Sent: Tuesday, August 23, 2011 2:16 PM
To: Boyle, Patrick
Subject: RE: Earthquake in Yorl, PA at 13:53 hr

Yep - and epicenter was less than 20miles from **North Anna** site.

Earthquake Details

- This event has been reviewed by a seismologist.

Magnitude 5.8 (Preliminary magnitude — update expected within 15 minutes)

- **Tuesday, August 23, 2011 at 17:51:03 UTC**

Date-Time • Tuesday, August 23, 2011 at 01:51:03 PM at epicenter

Location 37.875°N, 77.908°W

Depth 6 km (3.7 miles) set by location program

Region VIRGINIA

Distances

- 15 km (9 miles) S (179°) from **Mineral, VA**
- 18 km (12 miles) SSE (154°) from **Louisa, VA**
- 26 km (16 miles) ENE (58°) from **Columbia, VA**
- 54 km (34 miles) NW (314°) from **Richmond, VA**
- 139 km (87 miles) SW (214°) from **Washington, DC**

Location Uncertainty Error estimate not available

Parameters NST= 17, Nph= 17, Dmin=59.5 km, Rmss=0.33 sec, Gp=173°,
M-type="moment" magnitude from initial P wave (tsuboi method) (Mi/Mwp), Version=1

- Source** • West Coast and Alaska Tsunami Warning Center/NOAA/NWS

Event ID at00lqe6x3

From: Boyle, Patrick *MR*
Sent: Tuesday, August 23, 2011 2:04 PM
To: NRR_DORL_LPL2-1 Distribution
Cc: King, Mark
Subject: Earthquake in Yorl, PA at 13:53 hr

I just felt an earthquake, it seemed large than the one earlier in the year, so if I had to guess I would call it a 3.5

Please let the Peach Bottom PM know.

D/9