

June 17, 2013

Vanessa Quinn, Chief
Radiological Emergency Preparedness Branch
Technological Hazards Division
Federal Emergency Management Agency
1800 South Bell Street
Arlington, VA 20598-3025

SUBJECT: QUARTERLY REPORT OF ACTIVITY RELATED TO UPDATED EVACUATION
TIME ESTIMATES

Dear Ms. Quinn:

The following provides a status, as of June 7, 2013, of the U.S. Nuclear Regulatory Commission (NRC) review of updated evacuation time estimate (ETE) analyses, submitted to the NRC in accordance with Section IV.4 of Appendix E to Title 10, Part 50 of the *Code of Federal Regulations* (10 CFR). This review is only intended to verify consistent application of the updated guidance contained in NUREG/CR-7002, "Criteria for Development of Evacuation Time Estimate Studies," and does not constitute formal NRC approval. As such, the updated ETE analyses will remain subject to future NRC inspection in its entirety.

Updated ETEs currently in the review process

| No. | Licensee | Docket No(s). | ETE Received (Date) | ADAMS Accession No. |
|------------|-----------------|-------------------------------|--------------------------------|--------------------------------|
| 1 | Braidwood | 5000456 5000457 | 12/12/2012 | ML12348A219 |
| 2 | Browns Ferry | 5000259 5000260 5000296 | 12/18/2012 | ML123620592 |
| 3 | Byron | 5000454 5000455 | 12/12/2012 | ML12348A221 |
| 4 | Clinton | 5000461 | 12/12/2012 | ML12348A223 |
| 5 | Dresden | 5000237 500249 | 12/12/2012 | ML12348A384 |
| 6 | Farley | 5000348 | 12/7/2012 | ML12346A411 |
| 7 | Fermi | 5000341 | 12/20/2012 | ML12356A180 |

| No. | Licensee | Docket No(s). | ETE Received (Date) | ADAMS Accession No. |
|------------|-------------------|----------------------|----------------------------|----------------------------|
| 8 | Fort Calhoun | 5000285 | 12/12/2012 | ML12363A207 |
| 9 | H. B. Robinson | 5000261 | 12/17/2012 | ML123630065 |
| 10 | LaSalle | 5000373 5000374 | 12/12/2012 | ML12348A385 |
| 11 | Limerick | 5000352 5000353 | 12/12/2012 | ML12348A382 |
| 12 | Millstone | 5000336 5000423 | 12/18/2012 | ML13037A623 |
| 13 | Oyster Creek | 5000219 | 12/12/2012 | ML12355A142 ML12355A143 |
| 14 | Palisades | 5000255 | 12/18/2012 | ML13023A035 |
| 15 | Peach Bottom | 5000277 5000278 | 12/12/2012 | ML123550276 |
| 16 | Quad Cities | 5000254 5000265 | 12/12/2012 | ML12349A294 |
| 17 | Sequoyah | 5000327 5000328 | 12/18/2012 | ML123620597 |
| 18 | Surry | 5000280 5000281 | 12/18/2012 | ML130370771 |
| 19 | Three Mile Island | 5000289 | 12/12/2012 | ML123550293 |

The following updated ETEs were reviewed and found to be generally consistent with the guidance in NUREG/CR-7002 and, as such, were found to be complete in accordance with 10 CFR Part 50, Appendix E.IV.3.

| No. | Licensee | Docket No(s). | ETE Review Completed (Date) | ADAMS Accession No. |
|------------|------------------|----------------------|------------------------------------|----------------------------|
| 1 | Arkansas Nuclear | 5000313 5000368 | 3/15/13 | ML130230023 |
| 2 | Beaver Valley | 5000334 5000412 | 3/14/13 | ML130070160 |
| 3 | Brunswick | 5000325 5000324 | 3/7/13 | ML123630597 |
| 4 | Callaway | 5000483 | 3/12/2013 | ML12200A096 |
| 5 | Calvert Cliffs | 5000317 5000318 | 3/15/13 | ML13004A005 |

| No. | Licensee | Docket No(s). | ETE Review Completed (Date) | ADAMS Accession No. |
|------------|-----------------------------|-------------------------------|------------------------------------|----------------------------|
| 6 | Catawba | 5000413 5000414 | 3/12/13 | ML12363A308 |
| 7 | Columbia | 5000397 | 12/11/2012 | ML123560215 |
| 8 | Comanche Peak | 5000445 5000446 | 12/19/2012 | ML123630338 |
| 9 | Cooper | 5000298 | 3/14/13 | ML130020481 |
| 10 | Crystal River | 5000302 | 3/13/13 | ML123620108 |
| 11 | Davis Besse | 5000346 | 3/18/13 | ML130070160 |
| 12 | DC Cook | 5000315 5000316 | 2/4/13 | ML123550732 |
| 13 | Diablo Canyon | 5000275 5000323 | 2/27/13 | ML123630335 |
| 14 | Duane Arnold | 5000331 | 3/15/13 | ML13002A335 |
| 15 | Fitzpatrick/Nine Mile Point | 5000333 5000220 5000410 | 3/14/13 | ML13004A003 |
| 16 | Ginna | 5000244 | 3/15/13 | ML13004A004 |
| 17 | Grand Gulf | 5000416 | 3/15/13 | ML130230023 |
| 18 | Edwin I. Hatch | 5000321 5000366 | 3/13/13 | ML12346A412 |
| 19 | Indian Point | 5000247 5000286 | 3/15/13 | ML130230023 |
| 20 | Kewaunee | 5000305 | 12/18/12 | ML13037A619 |
| 21 | McGuire | 5000369 5000370 | 3/15/13 | ML13002A366 |
| 22 | North Anna | 5000338 5000339 | 12/18/2012 | ML13037A621 |
| 23 | Oconee | 5000269 5000270 5000287 | 3/13/13 | ML123630268 |
| 24 | Palo Verde | 5000528 5000529 5000530 | 2/22/13 | ML123550784 |
| 25 | Perry | 5000440 | 3/18/13 | ML130070160 |
| 26 | Pilgrim | 5000293 | 3/16/13 | ML130230023 |

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|------------|------------------------|----------------------|------------------------------------|----------------------------|
| 27 | Point Beach | 5000266 5000301 | 3/13/13 | ML123560139 |
| 28 | Prairie Island | 5000282 5000306 | 3/13/13 | ML123630278 |
| 29 | River Bend | 5000458 | 12/18/2012 | ML130230023 |
| 30 | San Onofre | 5000361 5000362 | 3/8/131 | ML123630341 |
| 31 | Seabrook | 5000443 | 3/12/13 | ML12363A239 |
| 32 | St. Lucie | 5000335 5000389 | 2/15/13 | ML12363A113 |
| 33 | South Texas 1 and 2 | 5000498 5000499 | 12/17/2012 | ML123610077 |
| 34 | Susquehanna | 5000387 5000388 | 3/14/13 | ML13003A135 |
| 35 | V.C. Summer | 5000395 | 2/13/13 | ML123070114 |
| 36 | Vermont Yankee | 5000271 | 3/18/13 | ML130230023 |
| 37 | Vogle | 5000424 5000425 | 2/22/13 | ML12346A413 |
| 38 | Waterford | 5000382 | 3/18/13 | ML130230023 |
| 39 | Wolf Creek | 5000482 | 3/14/13 | ML130020566 |

Updated ETEs received, but not yet in the review process

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|------------|---------------------|-------------------------------|----------------------------|----------------------------|
| 1 | Monticello | 5000263 | 12/13/12 | ML12356A168 |
| 2 | Salem Hope Creek | 5000272 5000311 5000354 | 11/28/12 | ML13052A676 |
| 3 | Shearon Harris | 5000400 | 12/18/12 | ML12355A202 |
| 4 | Watts Bar Unit 1 | 5000390 | 12/18/12 | ML123620581 |

The following ETE Update was submitted as a supplement to the Combined License Application (COLA) and is under review by the NRC for approval of the ETE.

| No. | Licensee | Docket No(s). | ETE Received (Date) | ADAMS Accession No. |
|------------|-----------------|--|-----------------------------------|----------------------------|
| 1 | Turkey Point | 5000250 5000251 5200040 5200041 | 12/6/12 and 12/14/12 (COLA) | ML123630274 |

Any questions regarding the status, process, or content of reviews should be directed to Michael Norris at (301) 415-4098.

Sincerely,

Joseph D. Anderson, Chief */RA/*
Operating Reactor Licensing and Outreach Branch
Division of Preparedness and Response
Office of Nuclear Security and Incident Response

cc: T. Greten, FEMA
A. Coon, FEMA

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Joseph D. Anderson, Chief
Operating Reactor Licensing and Outreach Branch
Division of Preparedness and Response
Office of Nuclear Security and Incident Response

cc: T. Greten, FEMA
A. Coon, FEMA

Distribution:
DPR R/F

ADAMS Accession No.: ML13115A888

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|---------|--------------------|-------------------|
| OFFICE: | NSIR/DPR/ORLOB: TL | NSIR/DPR/ORLOB:BC |
| NAME: | MNorris | JAnderson |
| DATE: | 06/06/13 | 06/06/13 |

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