

**UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION**

Before the Atomic Safety and Licensing Board

| | | |
|--|---|-------------------------|
| In the Matter of |) | |
| |) | Docket Nos. 52-029-COL |
| Progress Energy Florida, Inc. |) | 52-030-COL |
| |) | |
| Combined License Application for |) | |
| Levy County Nuclear Plant, Units 1 and 2 |) | ASLBP No. 09-879-04-COL |

Progress Energy Florida, Inc.’s Motion Proposing Revisions to the Transcript of the Atomic Safety and Licensing Board Evidentiary Hearing Held on October 31, 2012 and November 1, 2012

Pursuant to the instructions of the Atomic Safety and Licensing Board (the “ASLB” or “Board”), Progress Energy Florida, Inc. (“PEF”) hereby submits the following proposed revisions to the initial transcript of the ASLB Evidentiary Hearing held at the Levy County Courthouse in Bronson, FL, on October 31, 2012 and November 1, 2012 (the “Hearing”).¹

PEF has limited the scope of the proposed revisions below to transcription errors or omissions that are inconsistent with the audio recording of the Hearing, and which (if uncorrected) would tend to confuse the reader. PEF has largely refrained from proposing revisions regarding capitalization or punctuation. All proposed revisions have been verified by at least one PEF attorney against an audio recording of the Hearing obtained from the court reporter (Neal R. Gross & Co., Inc.).

Proposed revisions involving the addition or revision of text appear below in bold text. Proposed revisions involving the deletion or modification of text appear as strikethrough text.

¹ The initial transcripts of the Hearing are available at ADAMS Accession Nos. ML12312A421 (October 31, 2012 Initial Transcript) and ML12312A423 (November 1, 2012 Initial Transcript).

List of Proposed Revisions

| <u>Page Nos.</u> | <u>Line Nos.</u> | <u>Original Text</u> | <u>Revised Text</u> |
|------------------|------------------|-----------------------------------|--|
| 1109 | 15 | Water resources on Levy | Water resources on in Levy |
| 1109 | 24 | groundwater model | a groundwater model |
| 1110 | 9 | indeed conservative predictor | indeed a conservative predictor |
| 1110 | 25 | recorded in q shallow well | recorded in q a shallow well |
| 1111 | 22 | if required mitigating | if required, mitigating mitigation |
| 1112 | 6 | production well, drawdown | production well , drawdown |
| 1115 | 2 | impacts and issue | impacts and at issue |
| 1122 | 1 | noticed to be altered to resource | Noticed noticeably to be altered the to resource |
| 1162 | 9 | superficial aquifer | surficial superficial aquifer |
| 1169 | 16 | VV site. | VV Levy site. |
| 1209 | 3 | bedding planks | bedding planes planks |
| 1209 | 5 | development or karst | development of or karst |
| 1210 | 7 | borings, and we drilled | borings, and we drilled |
| 1210 | 19 | tracer, use grout | tracer, you use grout |
| 1210 | 21 | bedding planks. | bedding planks planes . |
| 1211 | 1 | surface recognizance upfront | surface recognizance reconnaissance upfront |
| 1211 | 22 | samples extract it | samples extracted it |
| 1212 | 14 | sphere. | sphere figure . |
| 1213 | 18 | 188 borings | 188 118 borings |
| 1213 | 22 | so that's 1001. | so that's 1001 100 . |
| 1213 | 22 | Then there were 18 what | Then there were 18 of what |
| 1214 | 7 | tooling tools. | tooling drilling tools. |

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|------------------|------------------|--|--|
| 1214 | 15 | primary purpose, what we | primary purpose; for what we |
| 1215 | 7 | was limited to recognizance | was limited to recognizance reconnaissance |
| 1215 | 18 | we do recognizance level | we do recognizance reconnaissance level |
| 1215 | 22 | by practicing the profession | by practicing practice in the profession |
| 1216 | 4 | there are site recognizance work done. | there are site recognizance reconnaissance work done. |
| 1217 | 4 | some of the recognizance photographs | some of the reconnaissance recognizance photographs |
| 1217 | 12 | false. | faults false. |
| 1218 | 18 | sometimes a curval linear | sometimes a curval linear curvilinear |
| 1219 | 2 | in your recognizance you said. | in your recognizance reconnaissance you said. |
| 1219 | 7 | Our recognizance work | Our recognizance reconnaissance work |
| 1219 | 11 | for our point of view | for from our point of view |
| 1219 | 16 | There is also a damn | There is also a damn dam |
| 1226 | 11 | catenary soils | eatenary quaternary soils |
| 1226 | 14 | Park and the catenary soils. | Park and the eatenary quaternary soils. |
| 1230 | 15 | culls out the canal, the Cross Barge Canal | eulls calls out the C anal, the Cross Florida Barge Canal |
| 1232 | 25 | I think to help every | I think to help everyone |
| 1233 | 17 | geologically | geologically geology |
| 1236 | 13 | or core pore borings | or core . . . core pore borings |
| 1238 | 13 | figure on the set | figure on in the set |
| 1239 | 12-13 | on to | onto on to |

| <u>Page Nos.</u> | <u>Line Nos.</u> | <u>Original Text</u> | <u>Revised Text</u> |
|------------------|------------------|--|---|
| 1239 | 25 | force | cores foree |
| 1241 | 21 | drove deeper | drill drove deeper |
| 1242 | 21 | we monitored for continguous | we monitored for contiguos continuous |
| 1248 | 24 | investigate you state | testimony investigate you state |
| 1256 | 11 | MR. DAVIES: | MR. DAVIES DR. RIZZO: |
| 1260 | 2-3 | And do you have | And so de you have |
| 1265 | 13 | if the wetlands, disfacing of the wells. | if of the wetlands, disfacing the spacing of the wells. |
| 1265 | 14 | heavy tar road | heavy tar haul road |
| 1265 | 19 | that was happing | that was happening |
| 1267 | 20 | saw were Big Spring | saw were where Big Spring |
| 1268 | 8 | a region | a of the region |
| 1268 | 11-12 | mean sea leave. | mean sea leave level. |
| 1269 | 3 | so with added | so with we added |
| 1269 | 19-20 | well inner connected | well inner-connected inter-connected |
| 1270 | 25 | You forced into the | You forced it into the |
| 1273 | 3 | large area of recharged. | large area of recharged. |
| 1281 | 4 | what I did was in indicated | what I did was I in indicated |
| 1281 | 18 | with respect ecosystems. | with respect to ecosystems. |
| 1283 | 25 | for my doctor | for my doctoral |
| 1284 | 5 | deferring degrees of plugs | deferring differing degrees of plugs |
| 1286 | 6 | Lehman | Lehman Lehnen |
| 1302 | 24 | He's a trouper | He's a trouper trooper |
| 1309 | 13 | feedback look | feedback look loop |

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|------------------|------------------|-------------------------------|--|
| 1309 | 23 | want ask | want won't ask |
| 1314 | 20 | of if it was an alluvium, | of or it was an alluvium, |
| 1319 | 9 | an isotropic drawdowns | An isotropic anisotropic drawdowns |
| 1319 | 15 | an isotropy | an isotropy anisotropy |
| 1321 | 24 | north site | north side site |
| 1326 | 20 | it's near microspores | it's is near microspores |
| 1341 | 14 | I mean, obvious, | I mean, obviously , |
| 1346 | 10 | Can I follow-up o that? | Can I follow-up on that? |
| 1347 | 8 | could to that | could to do that |
| 1350 | 18 | Barge. | Barge Canal . |
| 1351 | 11 | faradic surface hops | faradic phreatic surface hops pops |
| 1363 | 5 | Jeffrey Lenhen | Jeffrey Lenhen Lehnen |
| 1373 | 21 | PESCO | PESCO PEST code |
| 1373 | 25 | and leak ins | and leak ins leakance |
| 1374 | 1 | PESCO? | PESCO PEST code? |
| 1374 | 20 | PESCOs | PESCOs PEST codes |
| 1379 | 21 | absorbable drawdowns | absorbable observable drawdowns |
| 1380 | 6 | they hydraulic conductivities | they hydraulic conductivities |
| 1394 | 25 | active performance | aetive aquifer performance |
| 1397 | 15 | mod flow | mod flow MODFLOW |
| 1397 | 23 | mod flow | mod flow MODFLOW |
| 1398 | 4 | for their models | for four of their models |
| 1399 | 7-8 | mod flows | mod flows MODFLOW |
| 1399 | 23 | DR. RUMBAUGH | MR. DR. RUMBAUGH |

| <u>Page Nos.</u> | <u>Line Nos.</u> | <u>Original Text</u> | <u>Revised Text</u> |
|---------------------|------------------|--|---|
| 1399 | 24 | mod flow | mod flow MODFLOW |
| 1400 | 6 | leak ins | leak ance ins |
| 1400 | 13-14 | leak ins so that they are on good communication. | leak ance ins so that they are in on good communication. |
| 1400 | 21 | leak ins | leak ance ins |
| 1404 | 14 | barely | barely rarely |
| 1406 | 15 | leak ins | leak ance ins |
| 1408 | 24 | geographic log | geographic geologic log |
| 1410 | 4 | D13. | D13 DWRM3 . |
| 1414 | 18 | valve field | well valve field |
| 1414 | 23-24 | were est representative | were best representative |
| 1418 | 3 | representative | representative represented |
| 1422 | 9 | DR. RUMBAUGH | MR. DR. RUMBAUGH |
| 1423 | 6-7 | river stage | river staged |
| 1429 | 20 | karsting models. | karsting karstic models. |
| 1432 | 25 | part of our contingent | part of our contingent contention |
| 1434 | 22 | from karst or carboning | from karst or carboning carbonate |
| 1436 | 25 | is there a way to identify | is there a way to . . . or I just have to identify |
| 1439 | 12 | mod flow | mod flow MODFLOW |
| 1442 | 1 | sinking screens | sinking screens springs |
| 1454 | 3 | wetlands on that side | wetlands on that side site |
| 1454 | 8 | on that side? | on that site side? |
| 1462 <u>et seq.</u> | multiple | Hubble | Hubble Hubbell (Mr. Hubbell's surname is consistently misspelled) |

| <u>Page Nos.</u> | <u>Line Nos.</u> | <u>Original Text</u> | <u>Revised Text</u> |
|------------------|------------------|-------------------------------------|--|
| 1473 | 12 | funnel | fauna funnel |
| 1474 | 23 | ENP | ENP EMP |
| 1476 | 15 | ENP | ENP EMP |
| 1478 | 7 | aerial | aerial area of |
| 1480 | 16 | monitoring and extensive monitoring | monitoring, and extensive monitoring |
| 1483 | 8 | 2-food | 2-foot 2-foot |
| 1490 | 1 | medium water level | median medium water level |
| 1496 | 13 | very expansive | very expansive expensive |
| 1497 | 16 | adverse MFL | cypress adverse MFL |
| 1500 | 2-3 | can't in my recollection | can't correct in my recollection |
| 1513 | 25 | little loss | little loss lost |
| 1528 | 20 | Peyton Doub, and NRC staff. | Peyton Doub, and NRC staff. |
| 1533 | 23 | DR. SYDNEY BACCHAS | DR. SYDNEY BACCHAS BACCHUS |
| 1541 | 17 | al0ong | al0ong |
| 1546 | 25 | per5mit | per5mit |
| 1552 | 12 | Halrod | Halrod Howroyd |
| 1552 | 20 | Halrod | Halrod Howroyd |
| 1557 | 21 | full fill | full fill fulfill |
| 1560 | 15 | as going to accompany | was going to accompany |
| 1565 | 17 | FONZIEs. | FONZIEs FONSIs. |
| 1565 | 19 | FONZIE | FONZIE FONSI |
| 1566 | 8 | not the conditions | not just the conditions |
| 1568 | 20 | FONZIs. | FONZIs FONSIs. |

| <u>Page Nos.</u> | <u>Line Nos.</u> | <u>Original Text</u> | <u>Revised Text</u> |
|------------------|------------------|--------------------------------|---|
| 1568 | 21 | FONZI | FONZI FONSI |
| 1569 | 5 | FONZIs | FONZIs FONSIs |
| 1569 | 6 | FONZI | FONZI FONSI |
| 1572 | 22 | the size itself | the size site itself |
| 1579 | 13 | focused this site | focused on this site |
| 1579 | 21 | purpose | purposes |
| 1580 | 12 | mod flow | mod flow MODFLOW |
| 1580 | 21 | and the way it was constructed | and in the way it was constructed |
| 1584 | 1 | it's not required by NEPA. | that's it's not required by NEPA. |
| 1586 | 5 | salt draft. | salt draft drift . |
| 1587 | 11 | magic board. | magic bullet board . |

Certification

I certify that I have verified the above proposed revisions against an audio recording of the Hearing obtained from the court reporter (Neal R. Gross & Co., Inc.). I believe in good faith that the proposed revisions above more accurately reflect the testimony given than the initial transcript of the Hearing.

Respectfully Submitted,

/Signed electronically by Robert B. Ross/

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Dated: November 20, 2012

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CERTIFICATE OF SERVICE

I hereby certify that the foregoing Progress Energy Florida, Inc.'s Motion Proposing Revisions to the Transcript of the Atomic Safety and Licensing Board Evidentiary Hearing Held on October 31, 2012 and November 1, 2012, dated November 20, 2012, was provided to the NRC's Electronic Information Exchange for service to those individuals on the service list in this proceeding as of this 20th day of November 2012.

/Signed electronically by Robert B. Ross/
Robert B. Ross