Gepford, Heather

From: Randy Musser R2
Sent: Friday, January 11, 2008 10:22 AM
To: Heather Gepford
Subject: Fwd: Emailing: Updated 01_8_08 Well pictures with data and graphs.pdf
Attachments: Updated 01_8_08 Well pictures with data and graphs.pdf

>>> "Millinor, Mike" <mike.millinor@pgnmail.com> 1/9/2008 4:07:38 PM >>>
Here are the updated well data results and trends

Mike

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Environmental and Chemistry
Brunswick Nuclear Plant
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Fax: 910-457-2273
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The message is ready to be sent with the following file or link attachments:

Updated 01_8_08 Well pictures with data and graphs.pdf

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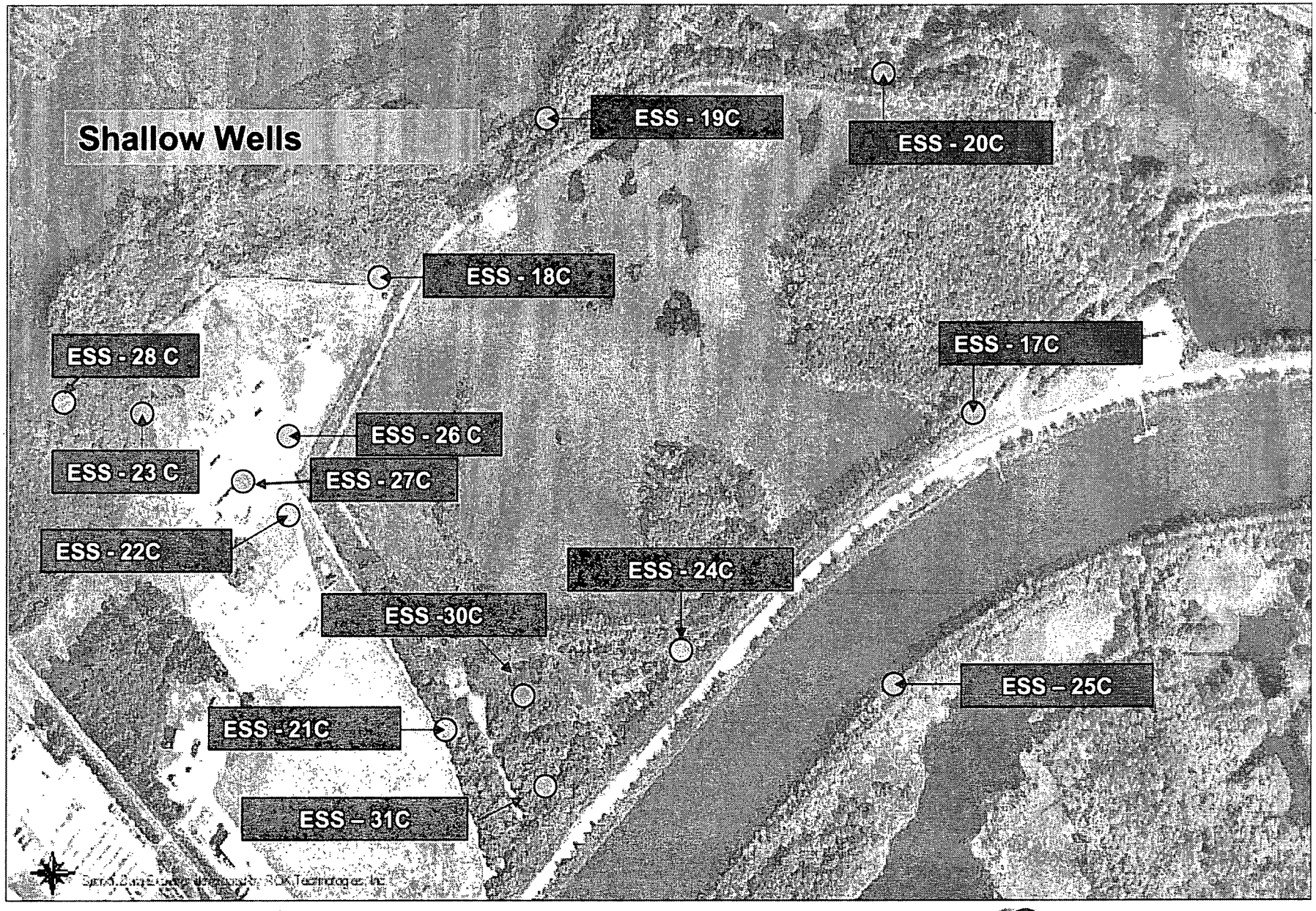
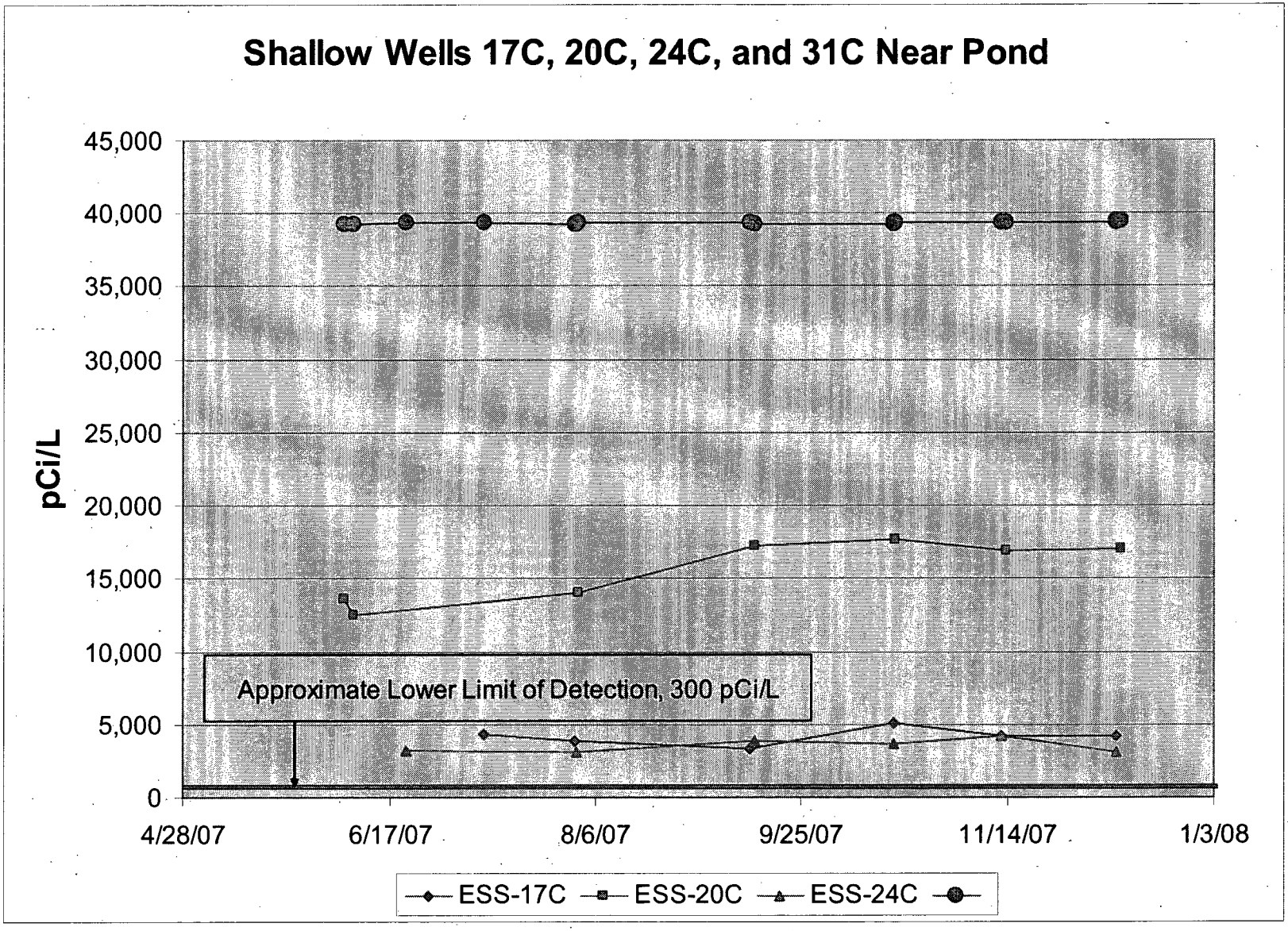
<<Updated 01_8_08 Well pictures with data and graphs.pdf>>

J-102



Progress Energy



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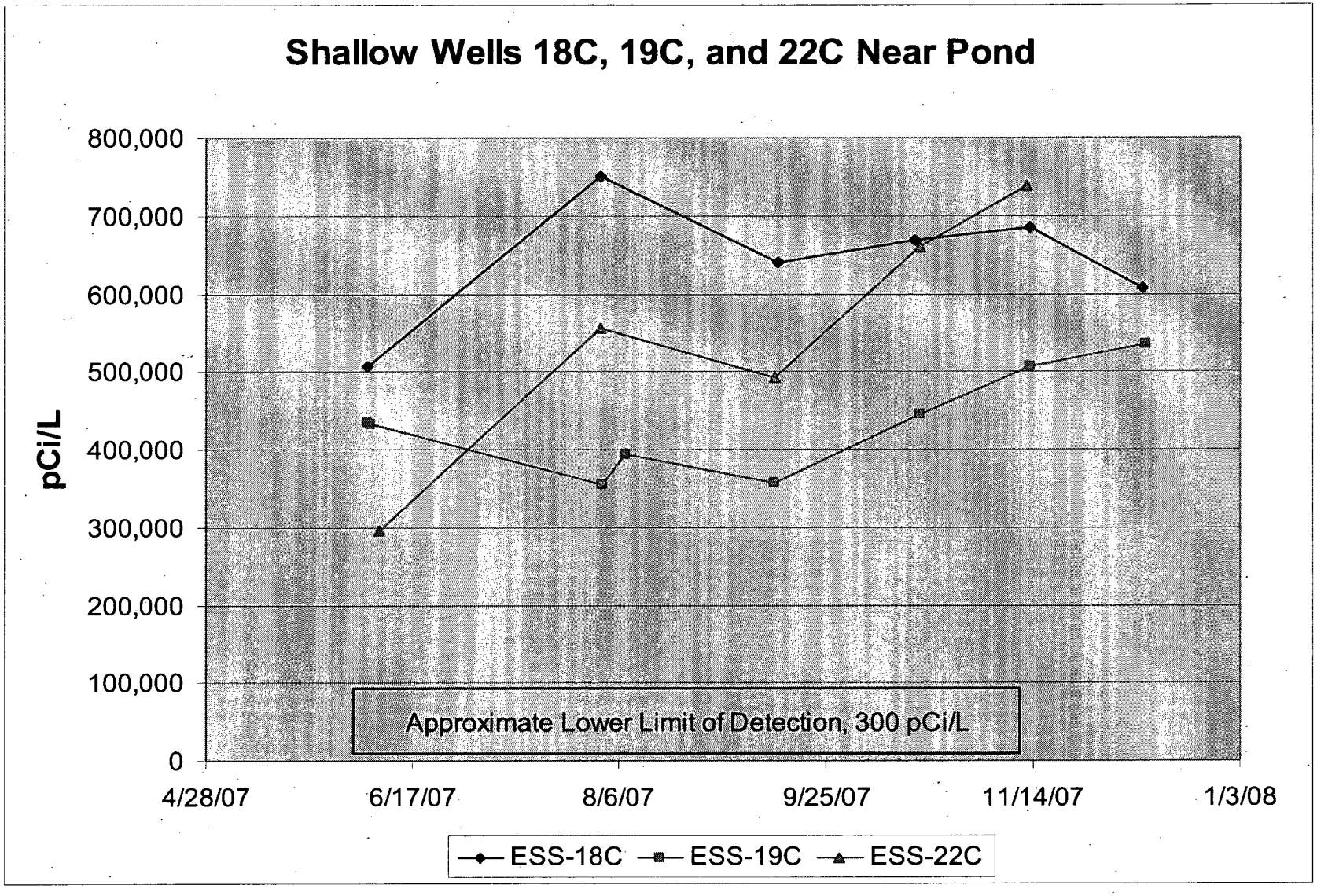

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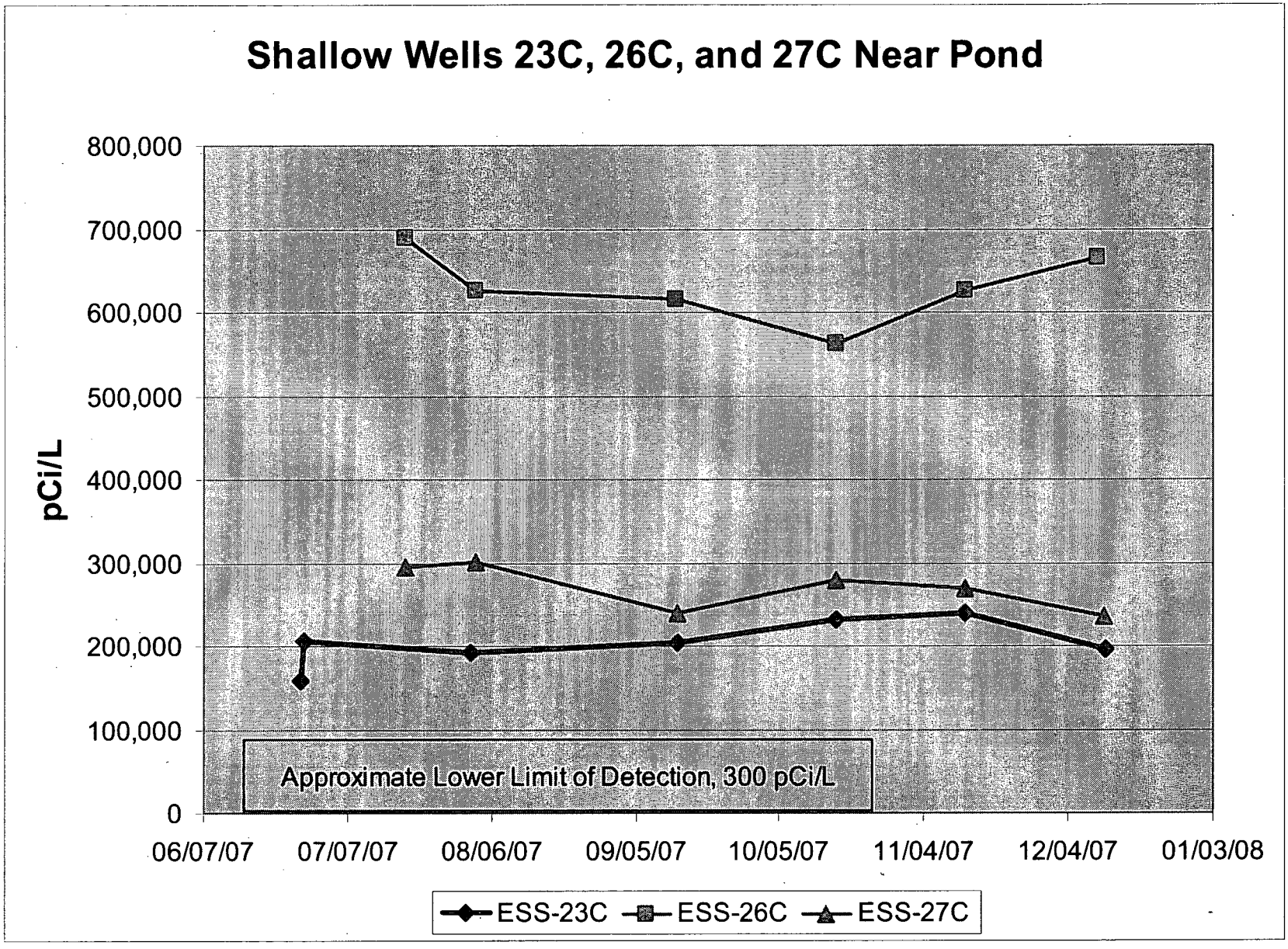

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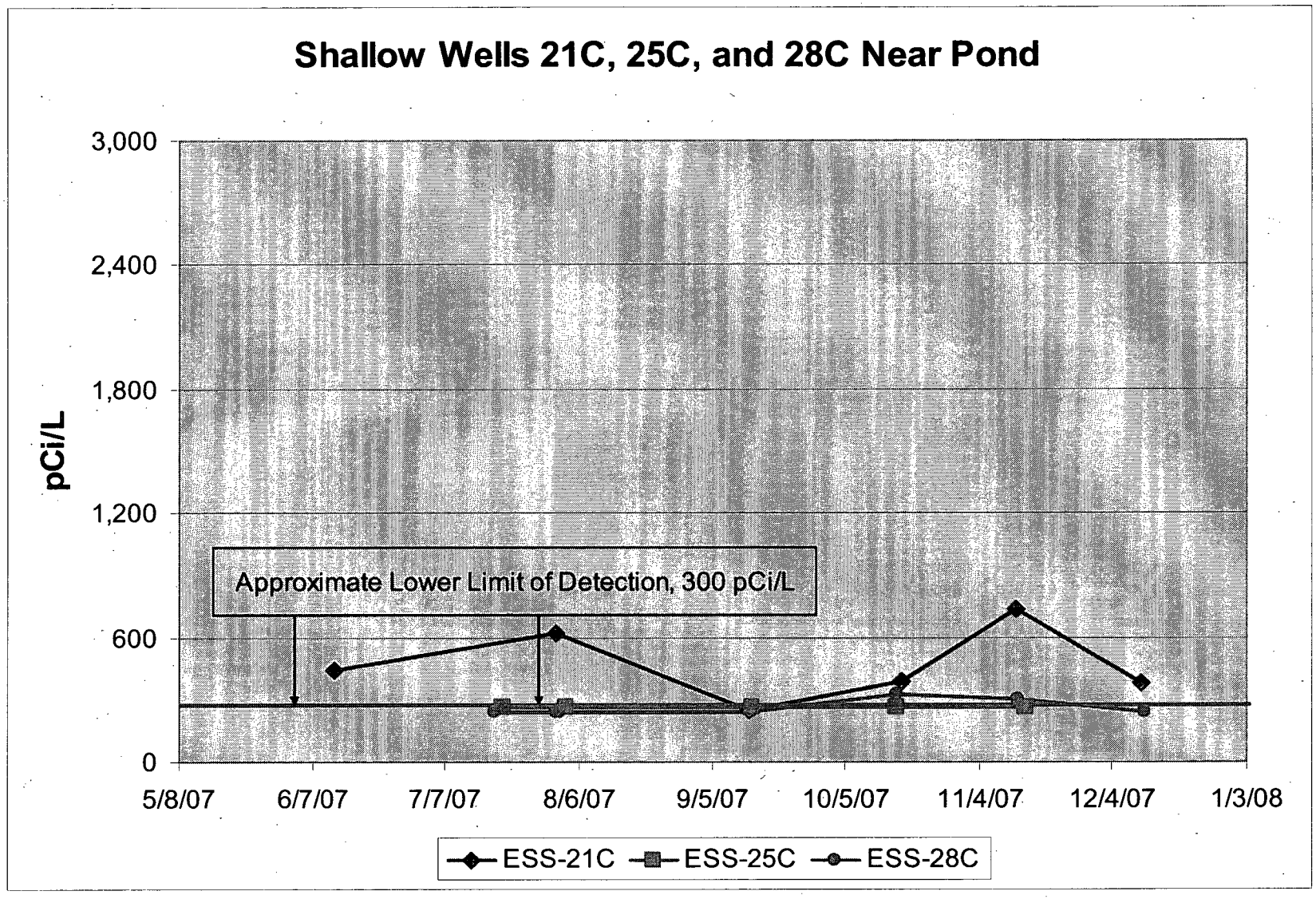
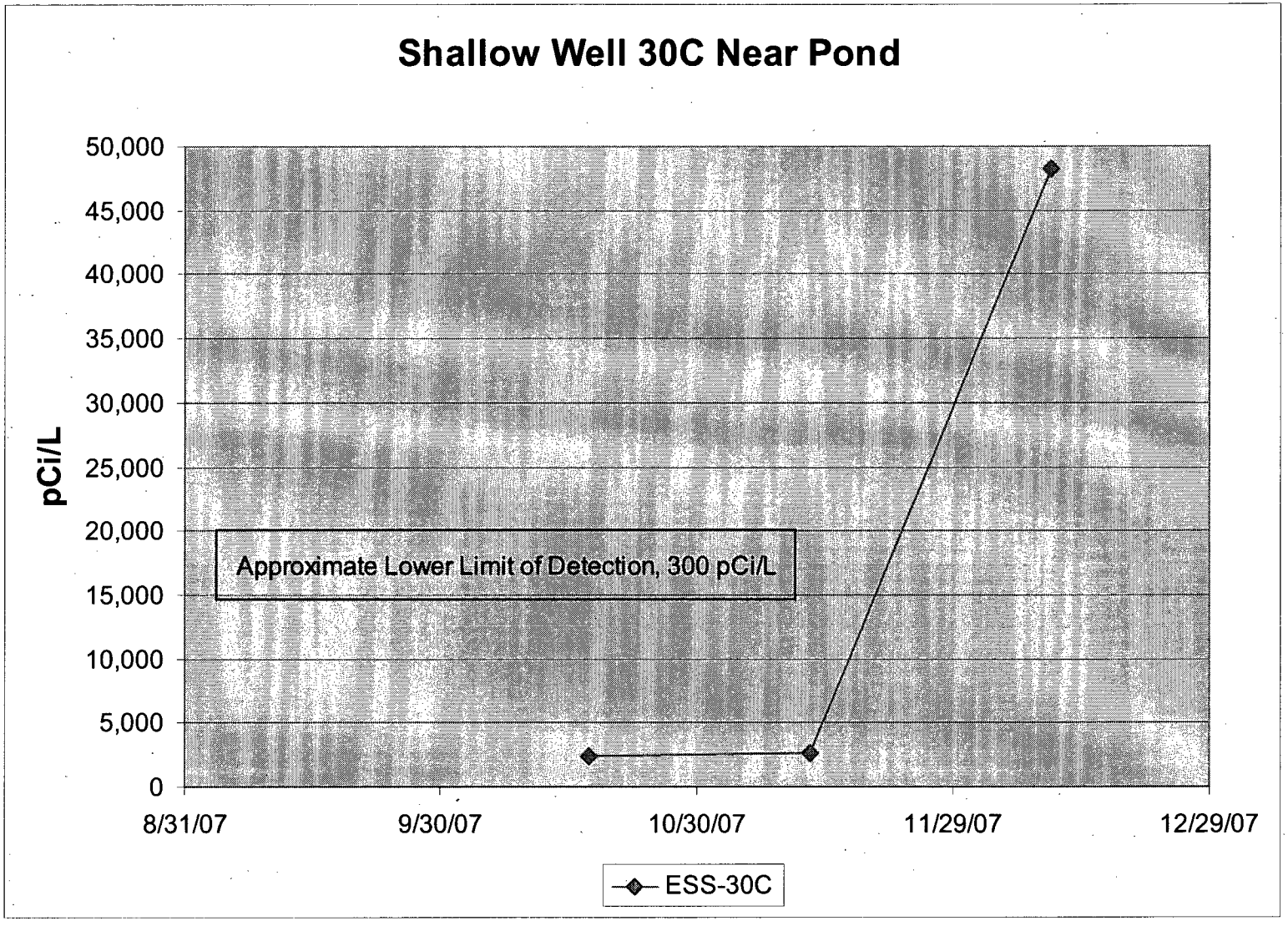


Note: Values less than the lower limit of detection are non-detectable

Progress Energy



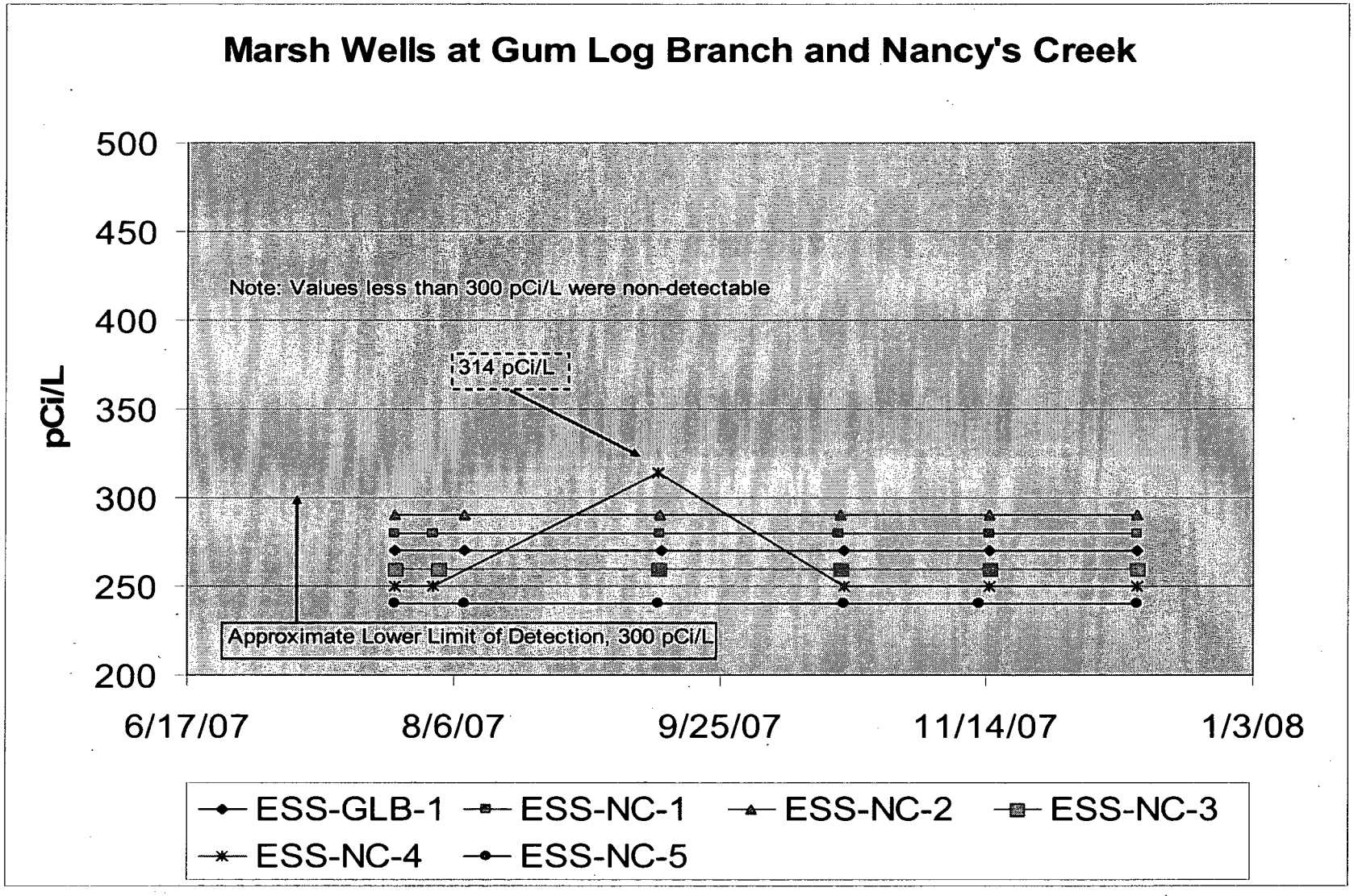
Progress Energy

Latest Shallow Well Data

Well	Well Depth (ft)	Sample Date	Sample Results (pCi/L)
ESS-17C	26	12/10/07	4,234
ESS-18C	20	12/10/07	680,800
ESS-19C	20	12/11/07	535,200
ESS-20C	20.5	12/11/07	17,060
ESS-21C	20	12/10/07	378
ESS-22C	20	12/10/07	787,800
ESS-23C	23	12/11/07	196,400
ESS-24C	18	12/10/07	3,111
ESS-25C	22	12/13/07	<LLD
ESS-26C	15	12/10/07	666,200
ESS-27C	15.5	12/11/07	234,800
ESS-28C	23	12/11/07	<LLD
ESS-30C	15	12/10/07	48,210
ESS-31C	15	12/10/07	3,129

Progress Energy

Progress Energy

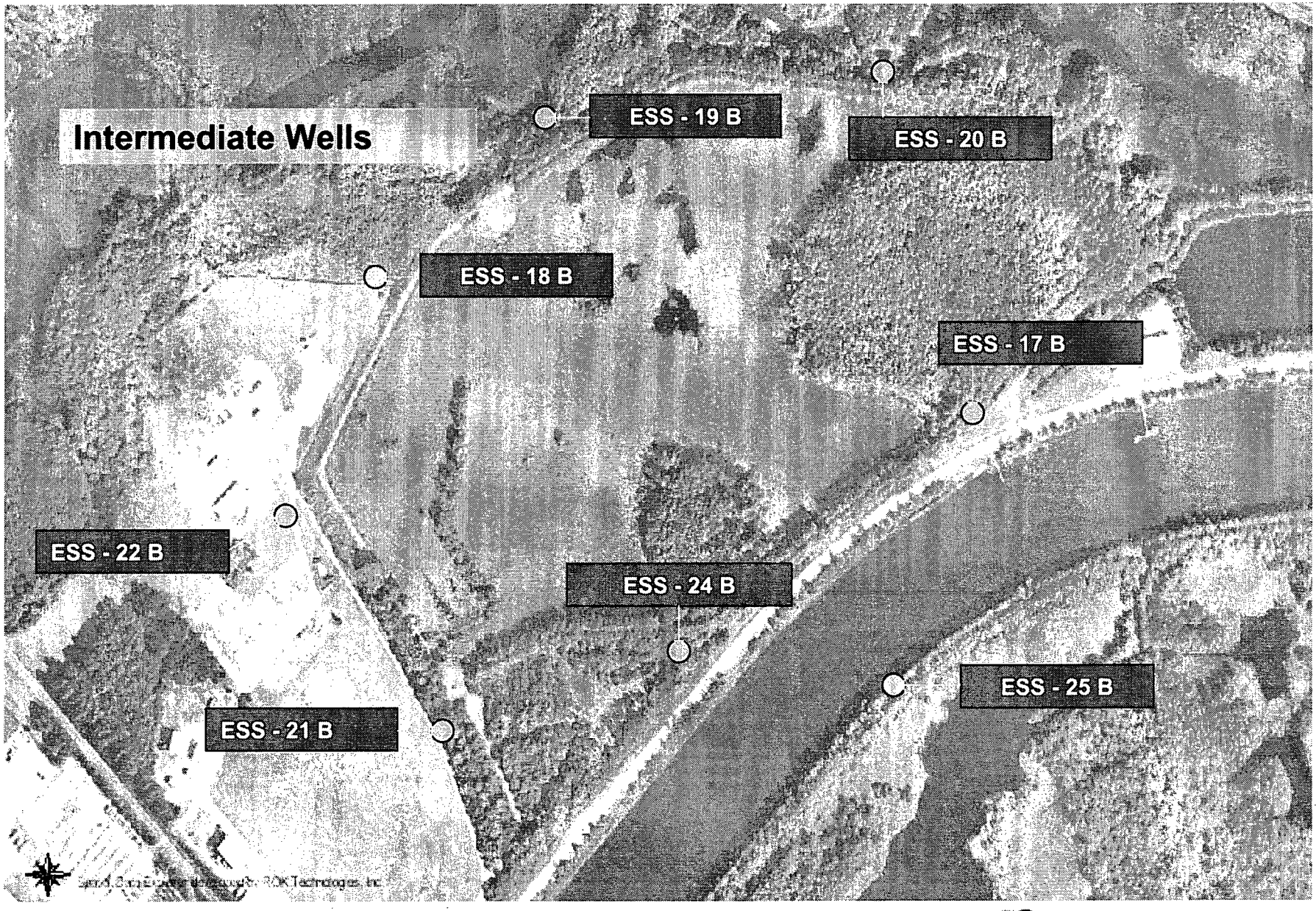


Progress Energy

Latest Marsh Well Data

Well	Well Depth (ft)	Sample Date	Tritium Sample Results (pCi/L)
ESS-NC-1	7.5	12/12/07	<LLD
ESS-NC-2	8	12/12/07	<LLD
ESS-NC-3	8	12/12/07	<LLD
ESS-NC-4	8	12/12/07	<LLD
ESS-NC-5	8	12/12/07	<LLD
ESS-GLB-1	8	12/12/07	<LLD

Progress Energy



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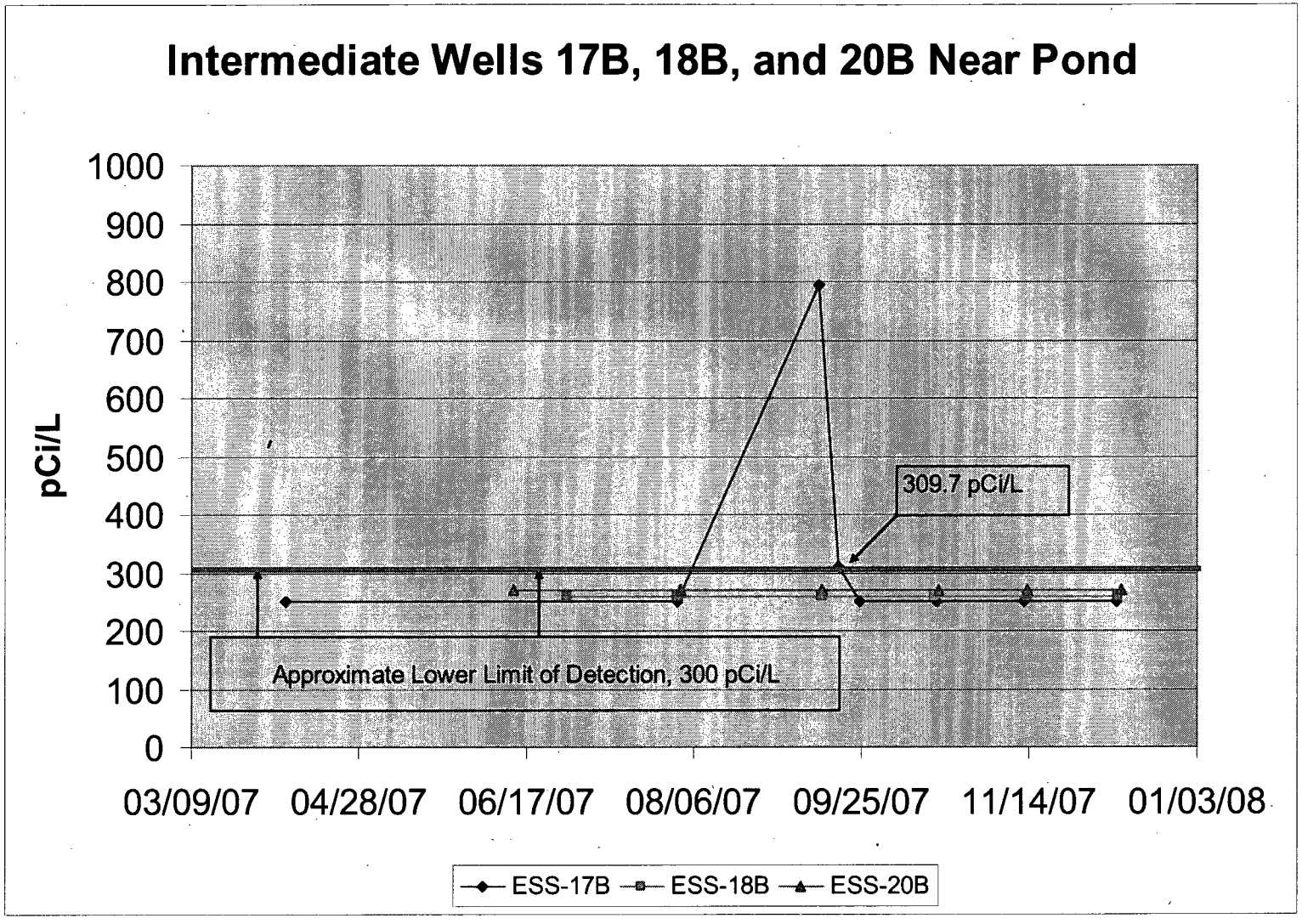
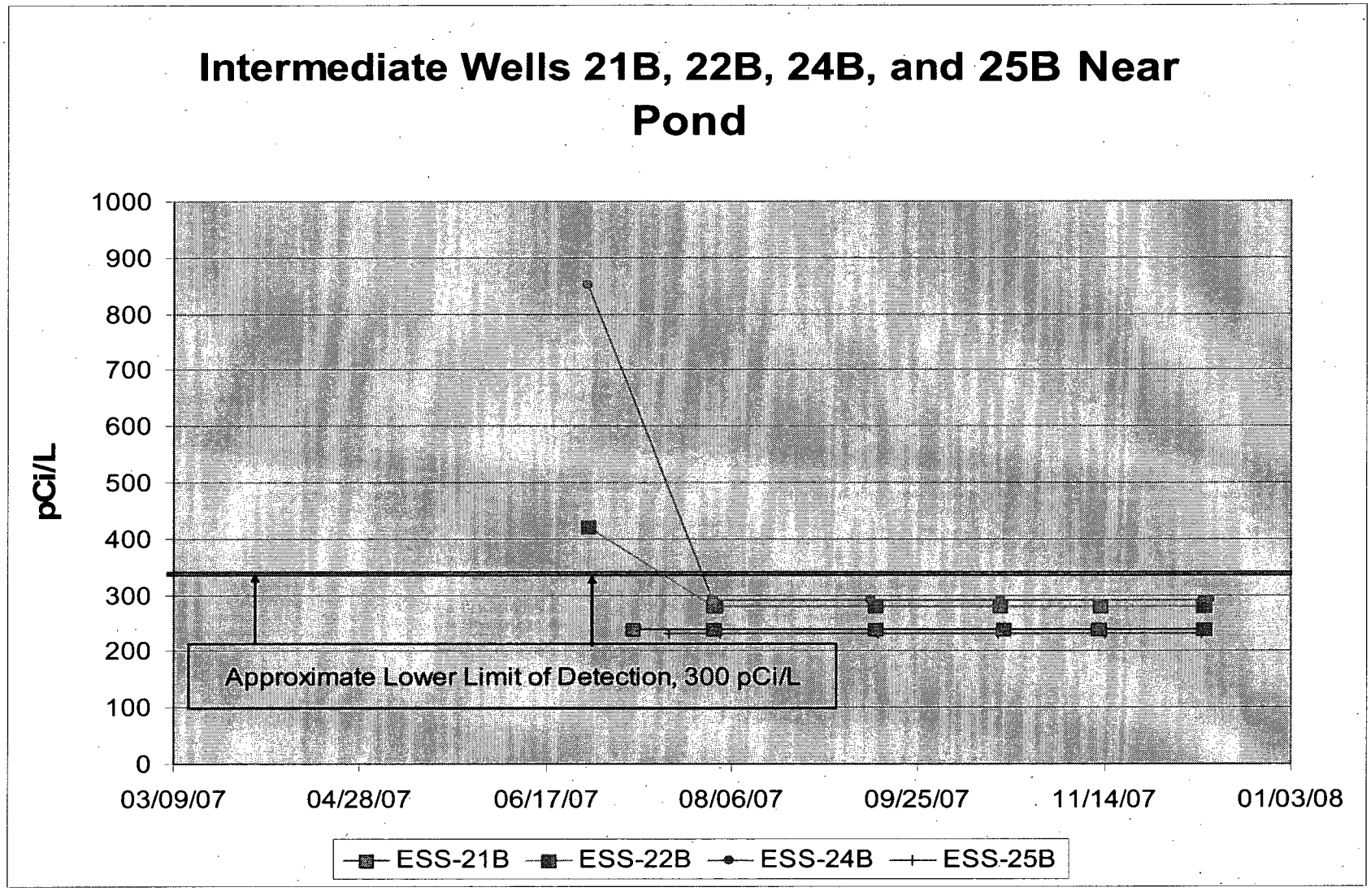


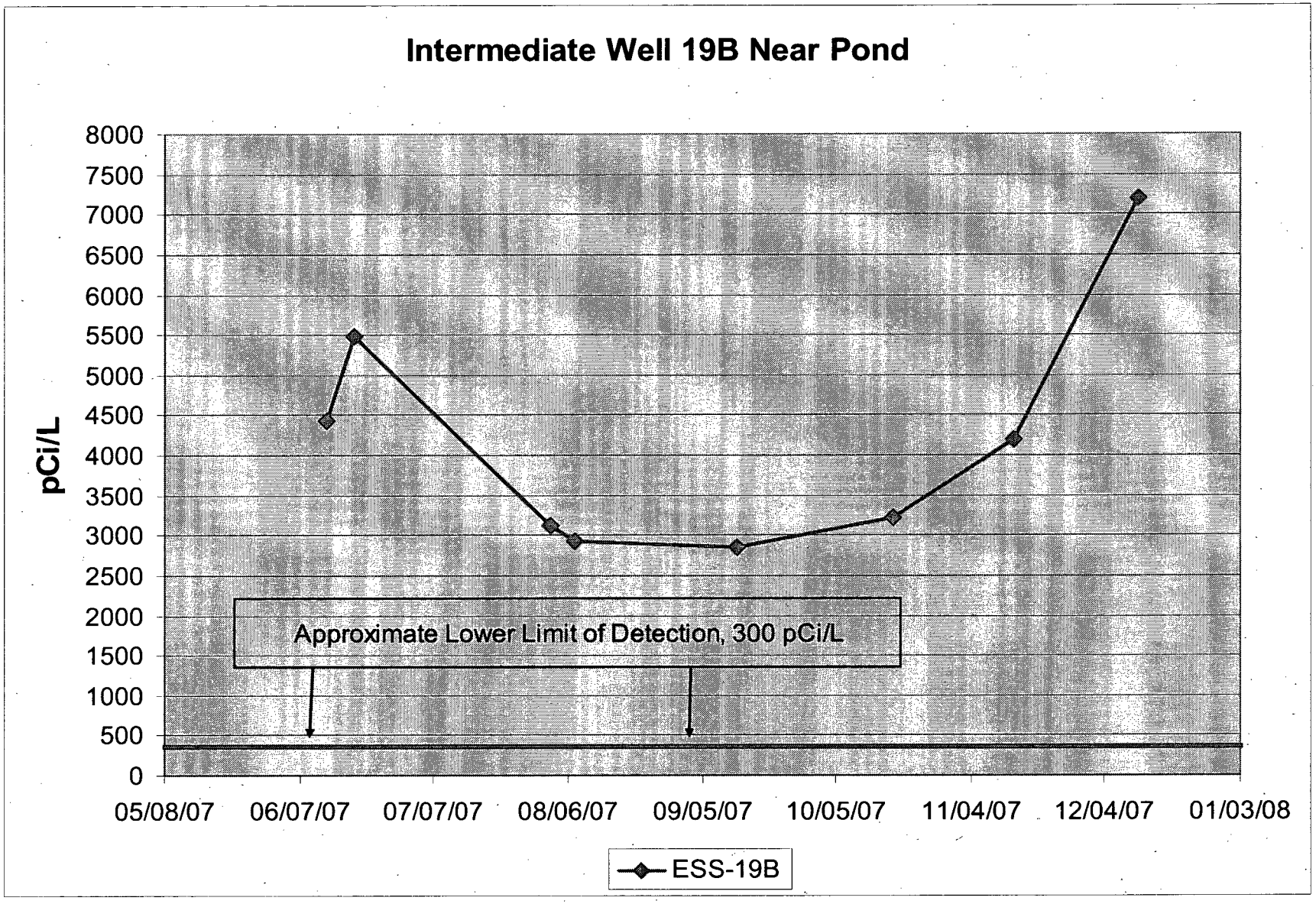
Note: Values less than the lower limit of detection are non-detectable

Progress Energy



Note: Values less than the lower limit of detection are non-detectable

Progress Energy



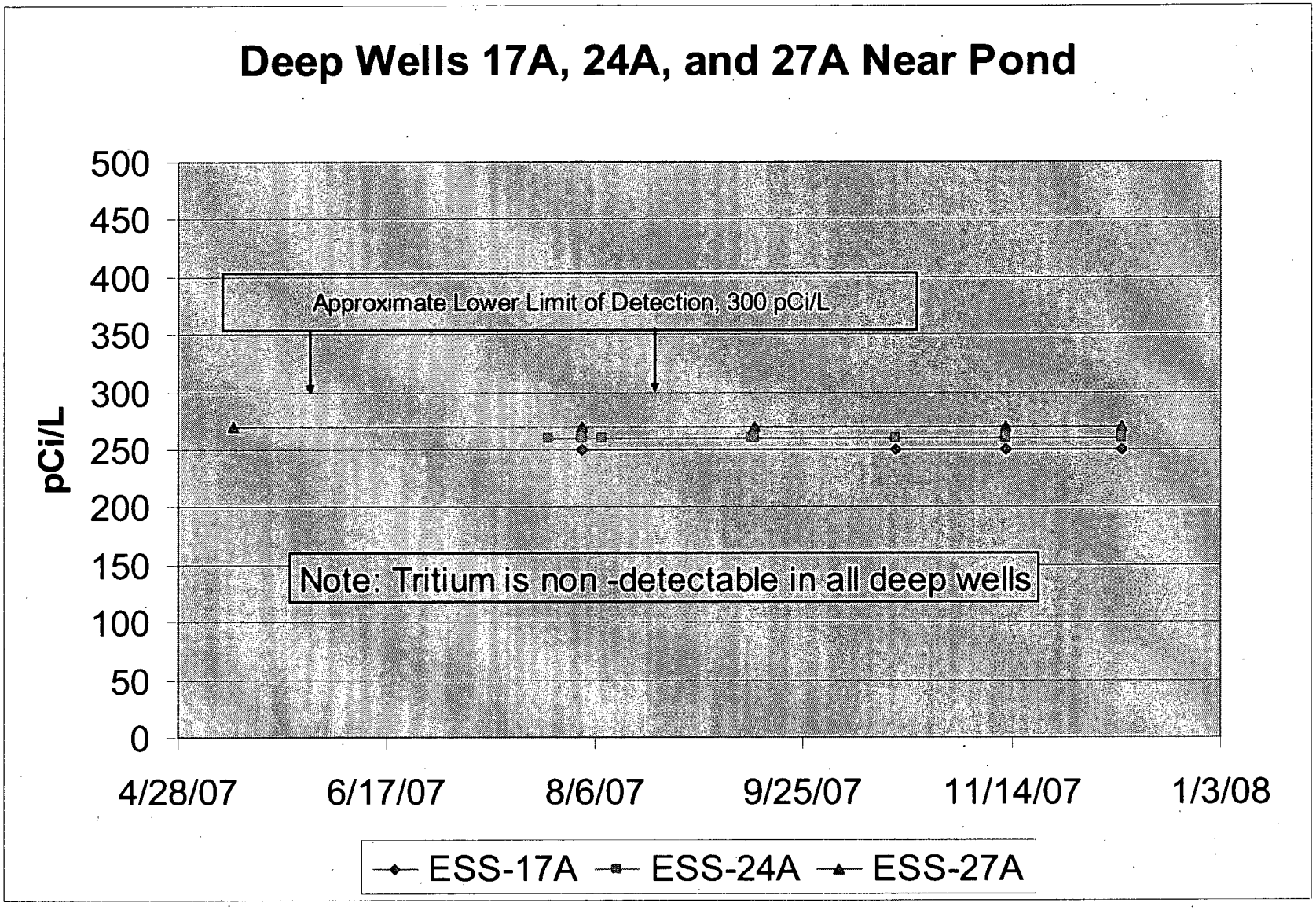
Progress Energy

Latest Intermediate Well Sample Data

Well	Well Depth (ft)	Sample Date	Sample Results (pCi/L)
ESS-17B	53	12/10/07	<LLD
ESS-18B	63	12/10/07	<LLD
ESS-19B	42	12/11/07	7,195
ESS-20B	43	12/11/07	<LLD
ESS-21B	67	12/10/07	<LLD
ESS-22B	76	12/10/07	<LLD
ESS-24B	53	12/10/07	<LLD
ESS-25B	43	12/13/07	<LLD

Progress Energy

Progress Energy

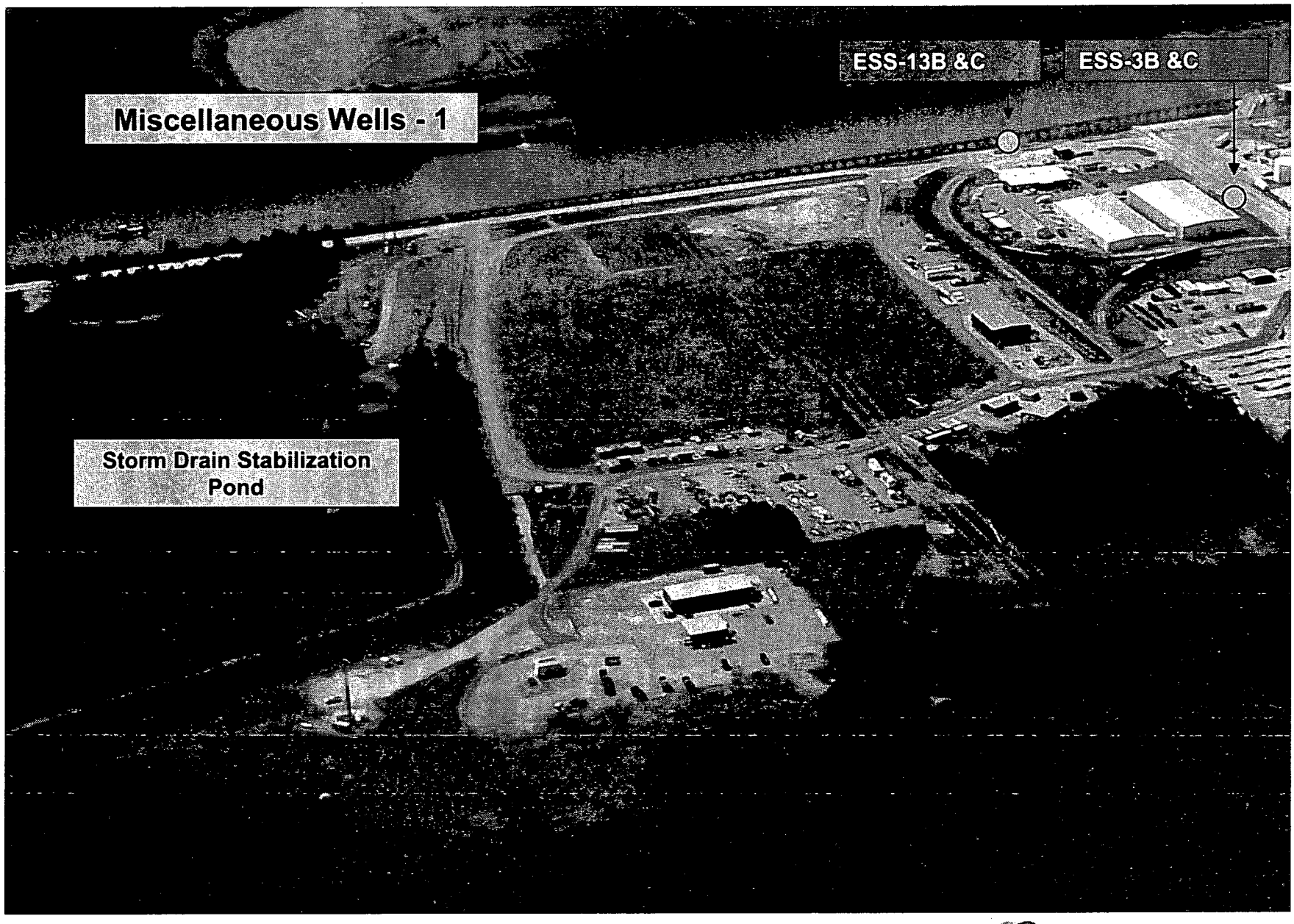


Progress Energy

Latest Deep Well Sample Data

Well	Well Depth (ft)	Sample Date	Tritium Sample Results (pCi/L)
ESS-17A	150	12/10/07	<LLD
ESS-24A	140	12/10/07	<LLD
ESS-27A	140	12/10/07	<LLD

Progress Energy



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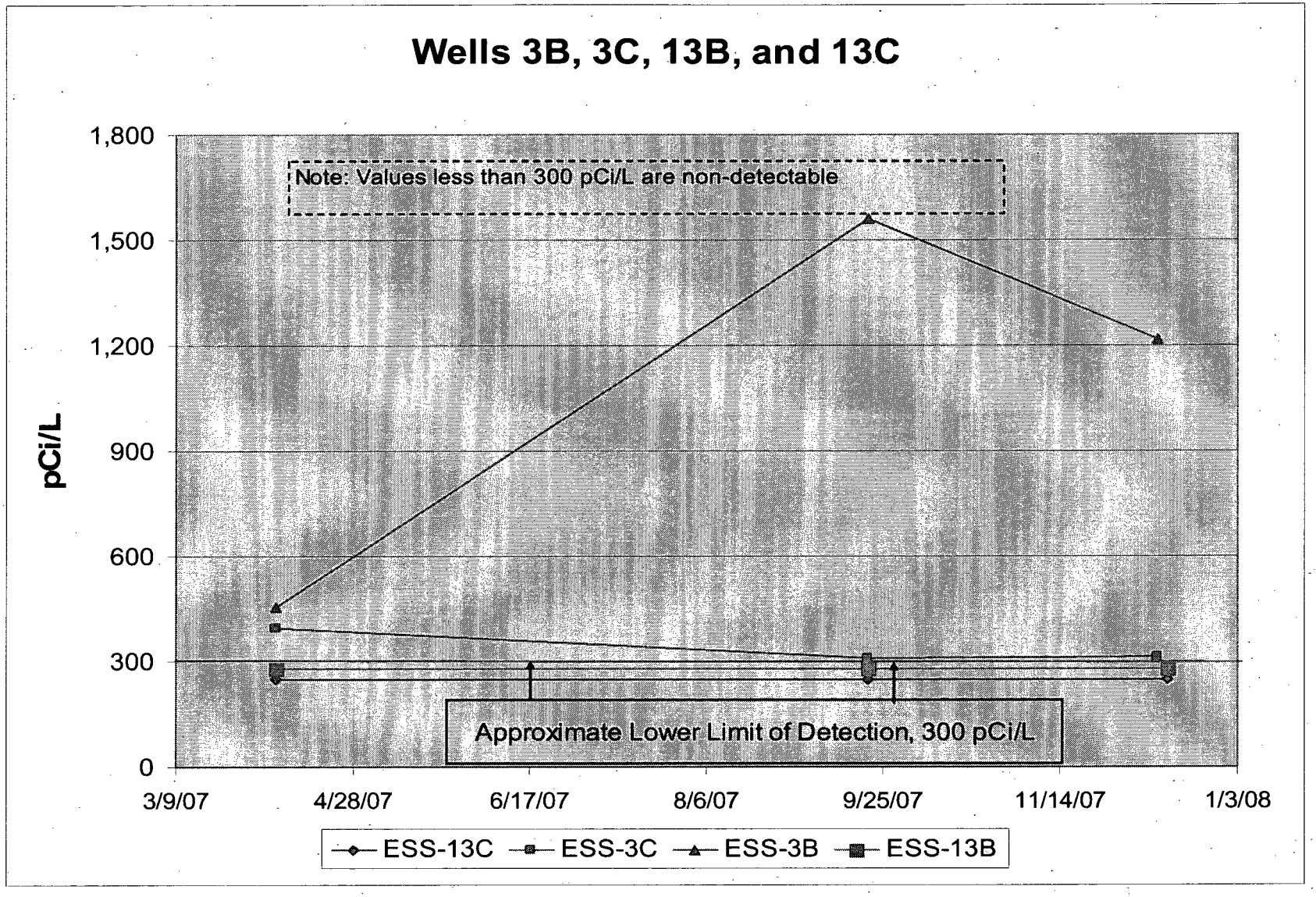
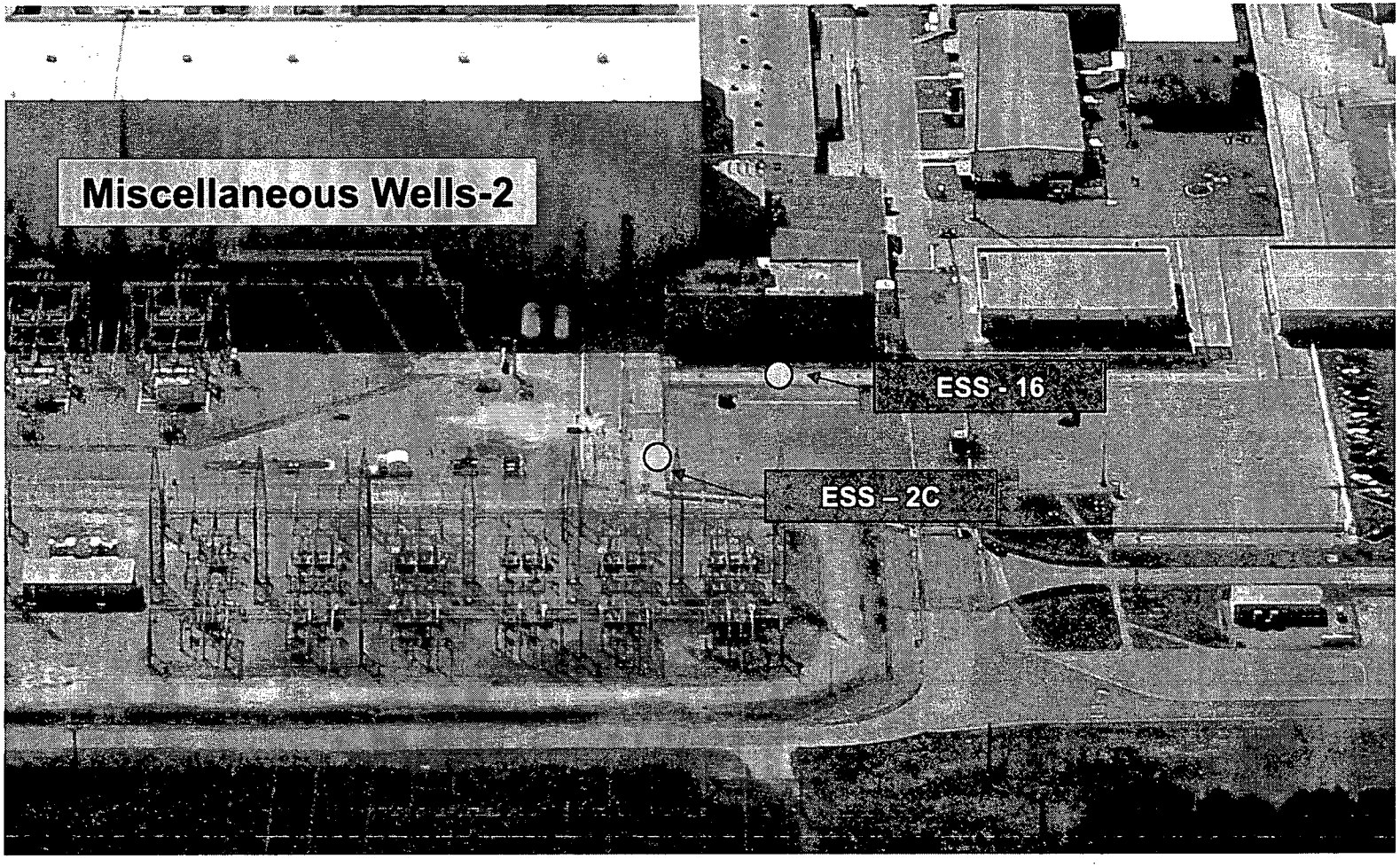


Progress Energy

Miscellaneous Wells-1

Well	Well Depth (ft)	Sample Date	Tritium Sample Results (pCi/L)
ESS-3B	52.4	12/11/07	1,217
ESS-3C	14.3	12/11/07	312
ESS-13B	56.5	12/14/07	<LLD
ESS-13C	24.8	12/14/07	<LLD

Progress Energy



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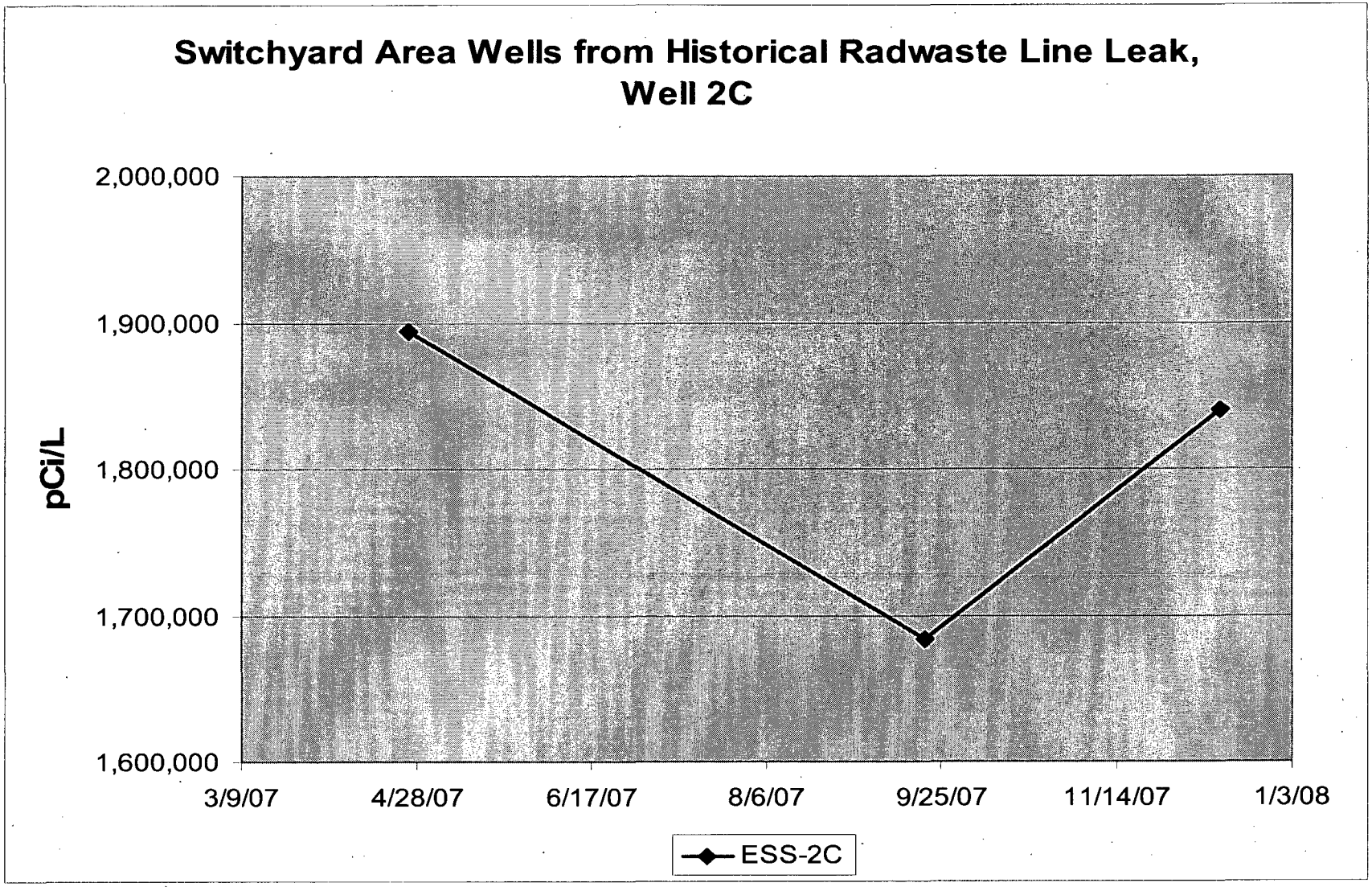

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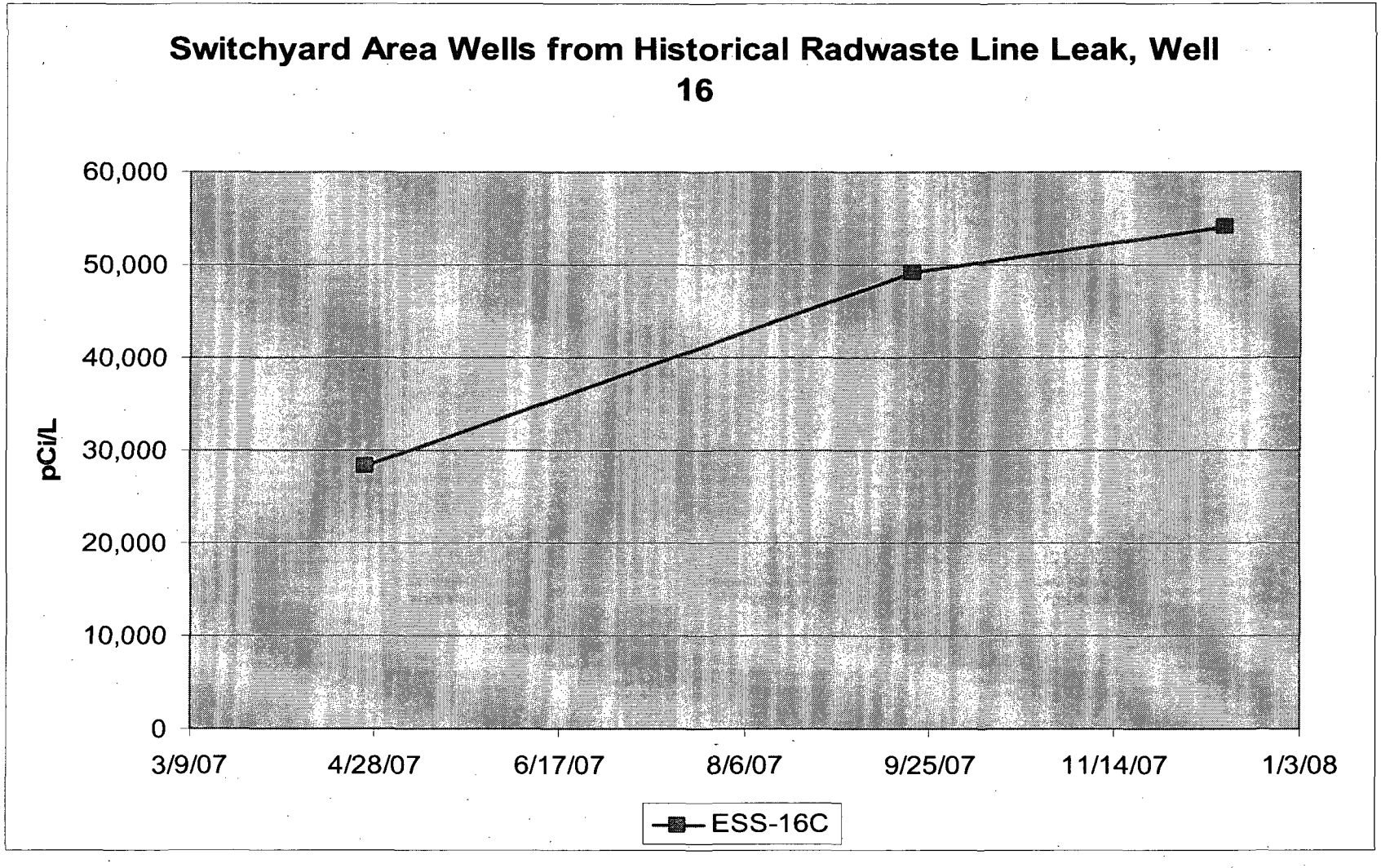

Progress Energy

Miscellaneous Wells-2

Well	Well Depth (ft)	Sample Date	Tritium Sample Results (pCi/L)
ESS-2C	23	12/13/07	1,840,000
ESS-16	25.4	12/13/07	54,030

Progress Energy