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Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Degussa Construction
Chemicals, Inc.
889 Valley Park Drive
Shakopee, MN 55379

www.degussa.com

Re: Field Complaint about Masterpatch 240CR

Dr. Konrad Wernthaler
VP, R&D/Technology

To Whom It May Concern:

T 952-496-6369
F 952-233-8402

Pursuant to 10 CFR part 21, this letter is intended to notify the NRC about a problem with a product manufactured by Degussa Construction Chemicals and sold to Florida Power and Light located at 6501 South Ocean Drive, Jensen Beach, FL 34957-2041, an entity licensed by the NRC as a commercial nuclear power plant.

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Masterpatch 240 CR repair concrete is a proprietary blend of Portland cement, graded aggregate and additives. This flowable repair concrete is suited for full depth repairs on horizontal and formed vertical or overhead surfaces.

On December 15, 2004, Florida Power and Light reported to Degussa that when Masterpatch 240 CR was applied, it did not harden properly and failed to achieve the expected strengths within the expected time frame (1 and 3 days). Reportedly, the material was chipped out and replaced by a new batch of Masterpatch 240 CR supplied by us on December 16, 2004.

The material in question, prior to being shipped, had been tested twice by Degussa Construction Chemicals and had performed according to specifications both times. However, when the material was used in the field, it reportedly failed. Degussa was not advised by our customer how the Masterpatch 240 CR was being used. We have investigated the reported failure but have been unable to determine the cause of the problem.

To our knowledge, Florida Power and Light was the only customer within the last year licensed by the NRC purchasing this material. Their reporting of the problem to Degussa indicates their awareness of the issue. Therefore, unless we discover relevant new information, this letter will be our final notification.

If you have any questions or need additional information, please contact Alice McFarland, Quality Assurance Manager, at 216-839-7343. If needed, I can be reached at 952-496-6369.

Respectfully,



Konrad Wernthaler
Vice President, R&D and Technology
Degussa Construction Chemicals

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