

General Information or Other (PAR)

Event # 39593

Rep Org: CARBOLINE COMPANY	Notification Date / Time: 02/17/2003 16:44 (EST)
Supplier: CARBOLINE COMPANY	Event Date / Time: 02/17/2003 (CST)
	Last Modification: 02/17/2003
Region: 3	Docket #:
City: BRENTWOOD	Agreement State: No
County:	License #:
State: MO	
NRC Notified by: MARIKAY SPECHERT	Notifications: PATRICIA HOLAHAN NMSS
HQ Ops Officer: HOWIE CROUCH	CHARLES MARSCHALL R4
Emergency Class: NON EMERGENCY	SONIA BURGESS R3
10 CFR Section:	MARK LESSER R2
21.21 UNSPECIFIED PARAGRAPH	GLENN MEYER R1

10 CFR PART 21 NOTIFICATION - CARBOLINE COMPANY

The following information was obtained from the vendor via facsimile:

"This letter serves to notify the Commission of a potential safety related noncompliance deviation in a basic component as defined in 10CFR Part 21. The noncompliance involves hard settling of Carboguard 890 Part B; the affected batches are 2A9266L, 2A9275L, and 2H9352L

"The hard settling of Carboguard 890 Part B would result in a mixed product that would have lower pigment volume concentration (PVC) than standard material that has been uniformly dispersed. Potential deficiencies would be a lack of film build during application as a result of a lower initial viscosity and the fact that some particles from the hard settling may have been dispersed into the mixed product. These particles could result in the clogging of spray gun tips or having particles embedded into the applied coating, which are aesthetically displeasing. Overall the lack of pigment in the coating film affects the application and aesthetic properties of the coating and not the performance properties. The primary criteria for the epoxy coating's performance are that the stoichiometry of epoxy resin to amine curing agent are not changed by more than 10%. Based upon a prior non-nuclear occurrence we know that the hard settling does not alter the stoichiometry of the coating and the cure of the product will be within the parameters designed by the formulating chemist. Based upon prior testing of numerous coatings for use in nuclear power plants we have not seen any detrimental performance when lower PVC coatings were evaluated. Resin rich coatings are typically gloss coatings and they aid in radiation decontamination and chemical resistance. As such, Carboline does not feel that the performance of the coating will be adversely affected.

"A database has been created documenting all shipments of the affected batches made within the 2002 calendar year to present; approximately 30 utilities/customers are affected. All customers who our records indicate have been shipped batches 2A9266L, 2A9275L, and 2H9352L shall be notified promptly. We are requesting that customers review their stock of Carboguard 890 Part B and return the affected batches for replacement.

"In summary, Carboline has taken appropriate corrective action, notified the NRC, and shall notify all customers

HE/9

General Information or Other (PAR)
promptly."

Event # 39593

The affected parties are as follows:

- Consumers Energy - Palisades Generating Plant
- Energy Steel & Supply - 2715 Padan Street, Auburn Hills, MI
- Florida Power & Light - 9760 SW 344th St., Florida City, FL
- Hutchinson & Gunter - 715 Grpve Street, Greensburg, PA
- Imaging & Sensing Technology - IST Conax Nuclear, Inc., Buffalo, NY
- Newbury Sandblasting - PO Box 378, Newbury, OH
- Nullifire Ltd. - Torrington Avenue, Coventry, UK
- Point Beach Nuclear - 6610 Nuclear Road, Two Rivers, WI
- Prairie Island - Welch, MN
- Ameren/UE-CIPS - Callaway Plant
- Duke Energy Corp - Nuclear Assessment Division, SC
- Ellis & Watts - 4325 Slick Lane, Batavia, OH
- FirstEnergy, Davis-Besse Oak Harbor, OH
- Howden Buffalo - New Philadelphia, OH
- Omaha Public Power - Fort Calhoun Nuclear Station
- Palmer Industrial Coatings - Williamsport, PA
- Rotork Controls - Rochester, NY
- TXU Electric - Glen Rose, TX



EN# 39593

February 13, 2003

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555
Fax: (301) 816-5151

Subject: 10CFR Part 21, Notification of Potential Safety Related Noncompliance Deviation

Notification By:
Carboline Company
Phone: (314) 644-1000 x2456
Fax: (314) 644-4617

This letter serves to notify the Commission of a potential safety related noncompliance deviation in a basic component as defined in 10CFR Part 21. The noncompliance involves hard settling of Carboguard 890 Part B; the affected batches are 2A9266L, 2A9275L, and 2H9352L

The hard settling of Carboguard 890 Part B would result in a mixed product that would have lower pigment volume concentration (PVC) than standard material that has been uniformly dispersed. Potential deficiencies would be a lack of film build during application as a result of a lower initial viscosity and the fact that some particles from the hard settling may have been dispersed into the mixed product. These particles could result in the clogging of spray gun tips or having particles embedded into the applied coating, which are aesthetically displeasing. Overall the lack of pigment in the coating film affects the application and aesthetic properties of the coating and not the performance properties. The primary criteria for the epoxy coating's performance are that the stoichiometry of epoxy resin to amine curing agent are not changed by more than 10%. Based upon a prior non-nuclear occurrence we know that the hard settling does not alter the stoichiometry of the coating and the cure of the product will be within the parameters designed by the formulating chemist. Based upon prior testing of numerous coatings for use in nuclear power plants we have not seen any detrimental performance when lower PVC coatings were evaluated. Resin rich coatings are typically gloss coatings and they aid in radiation decontamination and chemical resistance. As such, Carboline does not feel that the performance of the coating will be adversely affected.

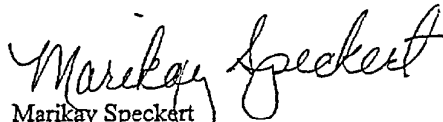
A database has been created documenting all shipments of the affected batches made within the 2002 calendar year to present; approximately 30 utilities/customers are affected. All customers who our records indicate have been shipped batches 2A9266L, 2A9275L, and 2H9352L shall be notified promptly. We are requesting that customers review their stock of Carboguard 890 Part B and return the affected batches for replacement.

In summary, Carboline has taken appropriate corrective action, notified the NRC, and shall notify all customers promptly.

If you have any questions or need additional information concerning this notification, do not hesitate to contact Dwayne Meyer, Director, Technical Service at (314) 644-1000 extension 2550, or Marikay Speckert, Corporate QA Manager at (314) 644-1000 extension 2456.

Regards,


Dwayne Meyer
Director, Technical Service


Marikay Speckert
Quality Assurance Manager

cc: Dick Wilson, President, Carboline Company
Dallas Finch, R&D Director, Carboline Company

Customer	Attention	Address1	Address2	City	State	Zip
Consumers Energy	Manager Nuclear Oversight	Palisades Generating Plant	27780 Blue Star Memorial Hwy	Covert	MI	4/9/34
Energy Steel & Supply	Manager Nuclear Oversight	2715 Padan Street		Auburn Hills	MI	48326-1827
Florida Power & Light	Manager Nuclear Oversight	9760 SW 344 TM		Florida City	FL	6/10/90
Hutchinson & Gunter	Manager Nuclear Oversight	715 Grape Street		Greensburg	PA	15601-2877
Imaging & Sensing Technology	Manager Nuclear Oversight	157 Conax Nuclear, Inc	402 Sonwll Drive	Buffalo	NY	12/11/38
Newbury Sandblasting	Manager Nuclear Oversight	PO Box 378		Newbury	OH	44065-0378
Millifire Ltd	Manager Nuclear Oversight	Torrington Avenue		Coventry	UK	CV493J
Point Beach Nuclear	Manager Nuclear Oversight	6610 Nuclear Road		Two Rivers	WI	7/2/48
Prairie Island	Manager Nuclear Oversight	1717 Malpuede Drive East		Welch	MO	10/28/50
Ameren/UF-CIGS	Manager Nuclear Oversight	Union Electric Company - Callaway Plant	PO Box 620	Fullton	MO	8/24/78
Duke Energy Corp	VERIP Coordinator	Nuclear Assessment Division, EC 05P	PO Box 1006	Charlotte	NC	28201-1006
Ellis & Werts	Manager Nuclear Oversight	4325 Bick Lane		Batavia	OH	6/26/23
FirstEnergy	Plant Engineering Manager Davis Besse	Davis Besse Mail Stop 1056 - FENOC	5501 N State Route 2	Oak Harbor	OH	43449-9760
Howden Buffalo	Manager Nuclear Oversight	New Philadelphia Fan Division	PO Box 5000	New Philadelphia	OH	4/12/22
Omaha Public Power	Manager Nuclear Oversight	Port Calhoun Nuclear Station	PO Box 399/FC-2-4-ADM	Port Calhoun	NR	68023-0399
Palmer Industrial Coatings	Manager Nuclear Oversight	PO Box 4056		Williamsport	PA	6/17/48
Rotork Controls	Manager Nuclear Oversight	Rotork Controls, Inc	675 Mile Crossing Blvd.	Rochester	NY	1/14/40
TXU Business Services	Manager Nuclear Oversight	TXU Electric	PO Box 1002	Glen Rose	TX	3/12/08

General Information or Other (PAR)

Event # 39593

Rep Org: CARBOLINE COMPANY	Notification Date / Time: 02/17/2003 16:44 (EST)
Supplier: CARBOLINE COMPANY	Event Date / Time: 02/17/2003 (CST)
	Last Modification: 02/17/2003
Region: 3	Docket #:
City: BRENTWOOD	Agreement State: No
County:	License #:
State: MO	
NRC Notified by: MARIKAY SPECHERT	Notifications: PATRICIA HOLAHAN NMSS
HQ Ops Officer: HOWIE CROUCH	CHARLES MARSCHALL R4
Emergency Class: NON EMERGENCY	SONIA BURGESS R3
10 CFR Section:	MARK LESSER R2
21.21 UNSPECIFIED PARAGRAPH	GLENN MEYER R1

10 CFR PART 21 NOTIFICATION - CARBOLINE COMPANY

The following information was obtained from the vendor via facsimile:

"This letter serves to notify the Commission of a potential safety related noncompliance deviation in a basic component as defined in 10CFR Part 21. The noncompliance involves hard settling of Carboguard 890 Part B; the affected batches are 2A9266L, 2A9275L, and 2H9352L

"The hard settling of Carboguard 890 Part B would result in a mixed product that would have lower pigment volume concentration (PVC) than standard material that has been uniformly dispersed. Potential deficiencies would be a lack of film build during application as a result of a lower initial viscosity and the fact that some particles from the hard settling may have been dispersed into the mixed product. These particles could result in the clogging of spray gun tips or having particles embedded into the applied coating, which are aesthetically unpleasing. Overall the lack of pigment in the coating film affects the application and aesthetic properties of the coating and not the performance properties. The primary criteria for the epoxy coating's performance are that the stoichiometry of epoxy resin to amine curing agent are not changed by more than 10%. Based upon a prior non-nuclear occurrence we know that the hard settling does not alter the stoichiometry of the coating and the cure of the product will be within the parameters designed by the formulating chemist. Based upon prior testing of numerous coatings for use in nuclear power plants we have not seen any detrimental performance when lower PVC coatings were evaluated. Resin rich coatings are typically gloss coatings and they aid in radiation decontamination and chemical resistance. As such, Carboline does not feel that the performance of the coating will be adversely affected.

"A database has been created documenting all shipments of the affected batches made within the 2002 calendar year to present; approximately 30 utilities/customers are affected. All customers who our records indicate have been shipped batches 2A9266L, 2A9275L, and 2H9352L shall be notified promptly. We are requesting that customers review their stock of Carboguard 890 Part B and return the affected batches for replacement.

"In summary, Carboline has taken appropriate corrective action, notified the NRC, and shall notify all customers

General Information or Other (PAR)
promptly."

Event # 39593

The affected parties are as follows:

- Consumers Energy - Palisades Generating Plant
- Energy Steel & Supply - 2715 Padan Street, Auburn Hills, MI
- Florida Power & Light - 9760 SW 344th St., Florida City, FL
- Hutchinson & Gunter - 715 Grpve Street, Greensburg, PA
- Imaging & Sensing Technology - IST Conax Nuclear, Inc., Buffalo, NY
- Newbury Sandblasting - PO Box 378, Newbury, OH
- Nullifire Ltd. - Torrington Avenue, Coventry, UK
- Point Beach Nuclear - 6610 Nuclear Road, Two Rivers, WI
- Prairie Island - Welch, MN
- Ameren/UE-CIPS - Callaway Plant
- Duke Energy Corp - Nuclear Assessment Division, SC
- Ellis & Watts - 4325 Slick Lane, Batavia, OH
- FirstEnergy, Davis-Besse Oak Harbor, OH
- Howden Buffalo - New Philadelphia, OH
- Omaha Public Power - Fort Calhoun Nuclear Station
- Palmer Industrial Coatings - Williamsport, PA
- Rotork Controls - Rochester, NY
- TXU Electric - Glen Rose, TX



EN# 39593

February 13, 2003

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555
Fax: (301) 816-5151

Subject: 10CFR Part 21, Notification of Potential Safety Related Noncompliance Deviation

Notification By:

Carboline Company
Phone: (314) 644-1000 x2456
Fax: (314) 644-4617

This letter serves to notify the Commission of a potential safety related noncompliance deviation in a basic component as defined in 10CFR Part 21. The noncompliance involves hard settling of Carboguard 890 Part B; the affected batches are 2A9266L, 2A9275L, and 2H9352L

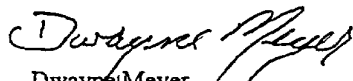
The hard settling of Carboguard 890 Part B would result in a mixed product that would have lower pigment volume concentration (PVC) than standard material that has been uniformly dispersed. Potential deficiencies would be a lack of film build during application as a result of a lower initial viscosity and the fact that some particles from the hard settling may have been dispersed into the mixed product. These particles could result in the clogging of spray gun tips or having particles embedded into the applied coating, which are aesthetically displeasing. Overall the lack of pigment in the coating film affects the application and aesthetic properties of the coating and not the performance properties. The primary criteria for the epoxy coating's performance are that the stoichiometry of epoxy resin to amine curing agent are not changed by more than 10%. Based upon a prior non-nuclear occurrence we know that the hard settling does not alter the stoichiometry of the coating and the cure of the product will be within the parameters designed by the formulating chemist. Based upon prior testing of numerous coatings for use in nuclear power plants we have not seen any detrimental performance when lower PVC coatings were evaluated. Resin rich coatings are typically gloss coatings and they aid in radiation decontamination and chemical resistance. As such, Carboline does not feel that the performance of the coating will be adversely affected.

A database has been created documenting all shipments of the affected batches made within the 2002 calendar year to present; approximately 30 utilities/customers are affected. All customers who our records indicate have been shipped batches 2A9266L, 2A9275L, and 2H9352L shall be notified promptly. We are requesting that customers review their stock of Carboguard 890 Part B and return the affected batches for replacement.

In summary, Carboline has taken appropriate corrective action, notified the NRC, and shall notify all customers promptly.

If you have any questions or need additional information concerning this notification, do not hesitate to contact Dwayne Meyer, Director, Technical Service at (314) 644-1000 extension 2550, or Marikay Speckert, Corporate QA Manager at (314) 644-1000 extension 2456.

Regards,


Dwayne Meyer
Director, Technical Service


Marikay Speckert
Quality Assurance Manager

cc: Dick Wilson, President, Carboline Company
Dallas Finch, R&D Director, Carboline Company

Customer	Attention	Address#1	Address#2	City	State	Zip
Consumers Energy	Manager Nuclear Oversight	Palmsades Generating Plant	27780 Blue Star Memorial Hwy	Covert	MI	4/9/34
Energy Steel & Supply	Manager Nuclear Oversight	2715 Padan Street		Auburn Hills	MI	48326-1827
Florida Power & Light	Manager Nuclear Oversight	9760 SW 344 TH		Florida City	FL	6/10/90
Hutchinson & Gunter	Manager Nuclear Oversight	715 Grape Street		Greensburg	PA	15601-2877
Imaging & Sensing Technology	Manager Nuclear Oversight	ISR Comax Nuclear, Inc	402 Sonwil Drive	Duffalo	NY	12/11/38
Newbury Sandblasting	Manager Nuclear Oversight	PO Box 378		Newbury	OH	44065-0378
Nullifixe Ltd	Manager Nuclear Oversight	Torrington Avenue		Coventry	UK	CV497U
Point Beach Nuclear	Manager Nuclear Oversight	6610 Nuclear Road		Two Rivers	WI	7/2/48
Praxite Island	Manager Nuclear Oversight	1717 Walpade Drive East		Walch	WI	10/28/50
Ameren/UP-CIPS	Verip Coordinator	Union Electric Company - Callaway plant	PO Box 620	Fulton	MO	8/24/78
Duke Energy Corp	OPA Manager	Nuclear Assessment Division, EC 05P	PO Box 1006	Charlotte	NC	28201-1006
Ellis & Watts	Manager Nuclear Oversight	4325 Ellick Lane		Batavia	OH	6/26/23
FirstEnergy	Plant Engineering Manager Davys Bease	Davys Bease Mail Stop 1056 - FEMOC	5501 N State Route 2	Oak Harbor	OH	43449-9760
Howden Buffalo	Manager Nuclear Oversight	New Philadelphia Fan Division	PO Box 5000	New Philadelphia	OH	4/12/22
Palmer Industrial Coatings	Manager Nuclear Licensing	Fort Calhoun Nuclear Station	PO Box 399/RC-2-4-ADM	Fort Calhoun	NE	68023-0399
Rotork Controls	Manager Nuclear Oversight	PO Box 4056		Williamsport	PA	6/17/48
TYU Business Services	Manager Nuclear Oversight	Rotork Controls, Inc	675 Mile Crossing Blvd.	Rochester	NY	1/14/40
		TYU Electric	PO Box 1002	Glen Rose	TX	3/12/08