PPPL NONCO	NFORMANC	E KEPUKI NO	): 3618	Open I		10/10/05		
Status	9 - Closed NCF	₹		Trend	01-De	viation Fro	m Doc/Proc	
Department	NCSX			Division	NCSX	Project		
Source/Org	VENDOR							
Item Dwg/Part#	DS141-03, Rev.	<u>1</u> Pr	ocurement #	S0052	42-F		Cost Center	9450 1*** 1404
RAP# 3209	Job Doc#	S005242-F	Vendor	Energy In	ndustries	of Ohio		
RAP Title NCSX - Modular Coil Winding Forms								
☐ HoldTag Applied								
Nonconforming Condition (include requirement(s) violated):								
Nonconforming Condition (include requirement(s) violated):  (C-1 MCWF) DS141-03, Rev. 1 specifies a stud length of 9.50". The 7 installed poloidal break studs measure 9" (consistent with DS141-03, Rev. 0).  NCSX-CSPEC-141-03-09, 3.1.1.5 specifies that local magnetic permeability shall not exceed 1.02. The poloidal break hardware (studs, nuts & washers) exceed the highest test reference (5.0) on-site.								
Lot Size Recd								
Dienocition: Powe	ork* Popoir*	Heo Ae Ie* Bo	sturn To Vanda	r* Sorai	n*		-	Dawark
								Rework
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the	s to NCSX -CSPEC these bolts excee quirements have be to provide a properinstall the hardward any winding for ntified). It should C3 casting. As so	Use As Is* Rec-141-03, Rev. 0. If ded 1.02 due to a moven revised in NCS posal to provide replayare on hand and torums shipped prior to be noted that the abon as the new replayer. Estimated cost of	However Rev. 1 nisunderstandin X-CSPEC-141-03 acement hardw rque the studs t the availability anti-galling com acement hardwa	I changed the good of the bood of the revision of the revision of the savaila	he bolt I It standa and draw on these s. PPPL ed hardv change able, EIO	ard require  ving #s DS  . Until rep  will remove  ware. (Not  d to "Threa  should be	n 9" to 9-1/2". A d. Accordingly, -141-036 and Di lacement bolts a e and replace th te: Since the sto l-Gard" and sho	Additionally, the poloidal S-141-060. are available, em with the uds are short, uld be used
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the	s to NCSX -CSPEC these bolts excee quirements have to to provide a properinstall the hardwing for nany winding for ntified). It should C3 casting. As so full specified value	C-141-03, Rev. 0. Indeed 1.02 due to a moreon revised in NCSX posal to provide replayare on hand and torums shipped prior to be noted that the about as the new replayer. Estimated cost of	However Rev. 1 nisunderstandin X-CSPEC-141-03 acement hardw rque the studs t the availability anti-galling com acement hardwa of PPPL rework	I changed the bost of the based of the revision of the revision of the savaila are is availa so that the savaila are for the savaila so the savaila of the s	he bolt I It standa and draw on these s. PPPL ed hardv change able, EIO	ard require  ving #s DS  . Until rep  will remove  ware. (Not  d to "Threa  should be	n 9" to 9-1/2". Ad. Accordingly, -141-036 and Distancement bolts are and replace the street. Since the street. Grand and should be a superior of the street.	Additionally, the poloidal S-141-060. are available, em with the uds are short, uld be used
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the torque them to the	s to NCSX -CSPEC these bolts excee quirements have to to provide a properinstall the hardwing for nany winding for ntified). It should C3 casting. As so full specified value	C-141-03, Rev. 0. Indeed 1.02 due to a moreon revised in NCSX posal to provide replayare on hand and torums shipped prior to be noted that the about as the new replayer. Estimated cost of	However Rev. 1 nisunderstandin X-CSPEC-141-03 acement hardw rque the studs t the availability anti-galling com acement hardwa of PPPL rework	I changed the bost of the based of the revision of the revision of the savaila are is availa so that the savaila are for the savaila so the savaila of the s	he bolt I It standa and draw on these s. PPPL ed hardv change able, EIO	ard require  ving #s DS  . Until rep  will remove  ware. (Not  d to "Threa  should be	n 9" to 9-1/2". A d. Accordingly, -141-036 and Di lacement bolts a e and replace th te: Since the sti d-Gard" and sho igin to install the	Additionally, the poloidal S-141-060. are available, nem with the uds are short, uld be used ese and  bution  Heitzenroeder P
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the torque them to the	s to NCSX -CSPEC these bolts excee quirements have be to provide a proper install the hardwing for nany winding for ntified). It should C3 casting. As so full specified value	c-141-03, Rev. 0. It ded 1.02 due to a more revised in NCSX are on hand and torms shipped prior to be noted that the abon as the new replace. Estimated cost of plied equipments, the plied equipments, the revision is the revision as the new replace.	However Rev. 1 nisunderstandin X-CSPEC-141-03 acement hardw rque the studs t the availability anti-galling com acement hardwa of PPPL rework  fill in informati	I changed the design of the bost of the revision of the savaila are is availa are savaila seems.	he bolt I It standa and draw on these s. PPPL ed hardv change able, EIO	ard require  ving #s DS  . Until rep  will remove  ware. (Not  d to "Threa  should be	n 9" to 9-1/2". A d. Accordingly, -141-036 and Di lacement bolts a e and replace th te: Since the sti d-Gard" and sho egin to install the  Distril Cog Insp Proj. D	Additionally, the poloidal S-141-060. are available, aem with the uds are short, uld be used ese and  bution  Heitzenroeder P Various Occ Control (when
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the torque them to the	s to NCSX -CSPEC these bolts excee quirements have be to provide a proper install the hardwing for nany winding for ntified). It should C3 casting. As so full specified value	c-141-03, Rev. 0. It ded 1.02 due to a more revised in NCSX as are on hand and torms shipped prior to be noted that the abon as the new replace. Estimated cost of the prior to be plied equipments, the second seco	However Rev. 1 nisunderstandin X-CSPEC-141-03 acement hardw rque the studs t the availability anti-galling com acement hardwa of PPPL rework  fill in informati	I changed the polygon of the based of the revision of the revi	he bolt I It standa and draw on these s. PPPL ed hardy changed able, EIC 685=\$68	ard require  ving #s DS  . Until rep  will remove  ware. (Not  d to "Threa  should be	n 9" to 9-1/2". A d. Accordingly, -141-036 and Di lacement bolts a e and replace th te: Since the str d-Gard" and sho egin to install the    Distrill	Additionally, the poloidal S-141-060. are available, aem with the uds are short, uld be used ese and  bution  Heitzenroeder P Various Occ Control (when )
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the torque them to the  For rework or repair #Hours \$Material	s to NCSX -CSPEC these bolts excee quirements have to to provide a prop install the hardw n any winding for ntified). It should C3 casting. As so full specified valu  ir of vendor sup	c-141-03, Rev. 0. Indeed 1.02 due to a more revised in NCSX are on hand and torems shipped prior to the noted that the about as the new replace. Estimated cost of the plied equipments, the set of the plied equipments are set of the plied equipments.	However Rev. 1 nisunderstandin X-CSPEC-141-03 accement hardw rque the studs t the availability anti-galling com accement hardwa of PPPL rework  fill in informati	I changed the good of the boson of the revision of the revisio	he bolt I It standa and draw on these s. PPPL ed hardy changed able, EIC 585=\$68	ard require ving #s DS Until rep will remove ware. (Noi d to "Three should be	n 9" to 9-1/2". A d. Accordingly, -141-036 and Di lacement bolts a e and replace th te: Since the str d-Gard" and sho egin to install the  Distril Cog Insp Proj. D closed G Malsbu	Additionally, the poloidal S-141-060. are available, aem with the uds are short, uld be used ese and  bution  Heitzenroeder P Various Ooc Control (when ) es
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the torque them to the  For rework or repair #Hours \$Material  Disposition By	s to NCSX -CSPEC these bolts excee quirements have to to provide a prop install the hardw n any winding for ntified). It should C3 casting. As so full specified valu  ir of vendor sup	c-141-03, Rev. 0. Indeed 1.02 due to a more revised in NCSX cosal to provide replayare on hand and torems shipped prior to the labor as the new replayer. Estimated cost of the second s	However Rev. 1 nisunderstandin X-CSPEC-141-03 accement hardw rque the studs t the availability anti-galling com accement hardwa of PPPL rework  fill in informati	I changed the good of the book of the revised pound was are is availated as the second of the revised pound was are is availated by the second of the revised pound was are is availated by the second of the revised pound was are is availated by the second of the revised pound was are is availated by the second of the second	he bolt I It standa and draw on these s. PPPL ed hardy changed able, EIO 585=\$68	ard require ving #s DS Until rep will remove vare. (Note d to "Three should be 0.00	Distril  Cog Insp Proj. D Cosed Colored Colore	Additionally, the poloidal S-141-060. are available, are with the uds are short, uld be used ese and  bution  Heitzenroeder P Various Ooc Control (when ) es ury J es J
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the torque them to the  For rework or repair #Hours \$Material  Disposition By Supervisor's Con	s to NCSX -CSPEC these bolts excee quirements have to to provide a prop install the hardw n any winding for ntified). It should C3 casting. As so full specified valu  ir of vendor sup	c-141-03, Rev. 0. Indeed 1.02 due to a more revised in NCSX rosal to provide replayare on hand and tor ms shipped prior to be noted that the abon as the new replayer. Estimated cost of the plied equipments, for the state of th	However Rev. 1 nisunderstandin X-CSPEC-141-03 accement hardw rque the studs t the availability anti-galling com accement hardwa of PPPL rework  fill in informati	I changed the good of the board of the revision of the revisio	he bolt I It standa and draw on these s. PPPL ed hardy changed able, EIO 585=\$68 \$85	and require ving #s DS Until rep will remove vare. (Note d to "Three should be 10.00  11/29/05	n 9" to 9-1/2". A d. Accordingly, -141-036 and D lacement bolts a e and replace th te: Since the str d-Gard" and sho gin to install the    Distrill	Additionally, the poloidal S-141-060. are available, aem with the uds are short, uld be used ese and  bution  Heitzenroeder P Various Doc Control (when ) es ury J es J a L awski F
EIO purchased bolts the permeability of break hardware req EIO was requested EIO is requested to revised fasteners or they are easily ider beginning with the torque them to the  For rework or repair #Hours \$Material  Disposition By Supervisor's Con Eng. Dept. Head	s to NCSX -CSPEC these bolts excee quirements have to to provide a prop install the hardw n any winding for ntified). It should C3 casting. As so full specified valu  ir of vendor sup	c-141-03, Rev. 0. Indeed 1.02 due to a more revised in NCSX cosal to provide replayare on hand and torems shipped prior to the labor as the new replayer. Estimated cost of the second s	However Rev. 1 nisunderstandin X-CSPEC-141-03 accement hardw rque the studs t the availability anti-galling com accement hardwa of PPPL rework  fill in informati	I changed the good of the board of the revision of the revisio	he bolt I It standa and draw on these s. PPPL ed hardy change able, EIO 585=\$68  \$85  Date  Date  Date	and require ving #s DS Until rep will remove vare. (Note d to "Three should be 10.00  11/29/05	Distril Cog Insp Proj. C Cogsinsp Proj. C Cosed Malsbu Boscoe Sutton Malino William Reiers White Lumbe Nelson Chra. I	Additionally, the poloidal S-141-060. are available, aem with the uds are short, uld be used ese and  bution  Heitzenroeder P Various Doc Control (when ) es ury J e J a L a L awski F as M en W A erger J a B //Raftop S