

-B: F5 F98 '5 B8 Á A =7 FCK 5 J9 'G9 BGCFGÁ 5 B8 'GMGH9 A G': CFÁ BI 7 @95 F '9 B9F; MÁ 5 DD@75 H=CBG



5 @9L5B89F < 9 = 9HN

OE[*[}}^Ápæaaã[}æa¢ÄŠæaà[¦æae[¦^



W}ãç^¦•ãc Á[ÁÚãc•à`¦*@ Tæ&@40E40€GH

CI H@B9

ÁQ, √æ håÁÇ, Ád Á+Hɵ{DÁs@ ¦{[*¦æ]}@, ÁĮ¦Á }[}å^•d`&cãç^Á\çæ,`æcãį}Åį, Ásæååãuãç^|^Á, æ)`~æ&c`¦^å {^c懕

- . ÁÛ[^]•c^{ Áå^•ã}}ÁBÁ(æ&@3)^Á^æ}ã}*Ðã}æ]¦[&^••ã]*
- . ÂŬ] [} [¦ KẤP ÒÒ VÁOET T

ÁT ã&¦[, æç^ÁÇ ÁdÁFĚ &{ DÁ^•[}æ} óÁ&æçãĉ Ádæ) •å`&^¦Á; -Á -{[, Á^} •ã] *Á§i Áæåçæ) &^åÁ^æ&q[¦Áe^{{]^}æč ¦^Á†`ãå • . Á2U OES Á^} •[¦Áå^•ã*} Áæ) åÁå^{{ [}•dæaã]} . ÁÛ] [}•[¦KÁÞ ÒÒVÁOEÙQ







H95A'57?BCK @98; 9A9BH

ÁŒ*[}}^

À /Ã ČEÞŠÁBÁQQ/DÉÁ/ãeð, * Á ČEÞŠÁBÁQQ/DÉÁ/ãeð, * Á ČEÞŠÁBQQ/DÉÁ/QE, * ÁČEÞŠÁBÓQQ/DÉÁ/QE, * ÉÖÄ& Á S[^QÉÉÖælã • ÁŠã [, • \ãÉP VÁÔ @A }ÉÁ æ æ) Á Óæl@ælã

ÁÔ[||æà[¦æ[¦∙

. ÁRææ ÁÛæ) æð ÁQQVD

- . ÁQE; c@Q } ð ÁÔðij𠦕 ÁÇSæði[• ÁÚ[, ^¦D
- . ÁÓāļÁÔ |^ æ^ ÁÇY ^• cā * @`•^D
- . ÁÓ[¦ã ÁS @eê\[çã&@ÁÇT QVÁÞ`&|^æAÜ^æ&q[¦ÁŠæà[¦æ[¦^D
- . ÁT ật \bullet ÁCE as a a a a a b

ÂÙWŠŒÛČ å^} œ



DI @G98'=B:F5F98'H<9FAC;F5D<M':CFÁ BCB89GHFI7H=J9'9J5@F5H=CB'C:'588=H=J9@M A5BI:57HIF98'A9H5@G



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588++-J9[•]A5BI:57HIF=B; :CF[•]BI7[@]95F 9B9F; M

$$\begin{array}{l} & \text{AOEacea} \ \ensuremath{cell} & \text{AOE} \\ & \text{AOEacea} \ \ensuremath{abcea} & \text{AOE} \\ & \text{AOEacea} \ \ensuremath{abcea} & \text{AOE} & \text{AOE} \\ & \text{AOEacea} \ \ensuremath{abcea} & \text{AOE} & \text{AOE} & \text{AOE} \\ & \text{AOEacea} & \text{AOE} &$$

O EÉAP ^ã^c ÉA dÉade ÉAV / ag • ÉAO E, ÉAP × & JÉAU [& ÉAF GFÉA Ì JÉ JFÁÇGEF JDÈ



ŁÖNÁMÁ€µ





Y ^• @ * @ * • ^ ÁŒ Á d * &č ¦^• Argonne ▲



A9H5@89:97HG = B`@5G9F`DCK89F`698Á :IG=CB`A5BI:57HIF=B;

ÁÚ[¦^•Á(æ Á&æ •^Á&;æ&\Á§;ãããææã[} . ÁÚ¦[àæàāđãĉ Á§: Á@ã @¦Á[¦Áæà*^¦ÁQNG€µ{D&æ}åÁ&|[•^¦Á{[Á*`¦-æ&^Á][¦^•



ÙÒT Á§ æ* ^• Á Á] [¦ ^• Á§ ÁÙÙHFÎ Á] ¦ð c^å Á ã @ŠÚÓØ

ŒÞŠÁĘĮæ*^∙ÁÇCXÒTËÞÙÒD

Á Þ^^åÁ * æ fað Á&[}d[|Á{ + Á x & č æ Á+ Ö Á| ¦ ð e v å Á d * & č ¦ ^ •



EI 5 @HM7CBHFC@C: 57H 5 @GHFI7H F9G





ØŠ©ÜÁ¢ÌÍ€F•&ÁTY©ÜÁ∓GÌ€¢F€G ÁæÁFÌ€-]•



DF=B7=D@9⁻C: ⁻=BH9FB5@89:97H89H97H=CB

Á/^{] ^¦æč ¦^Á‰ () ớ+] [ơ +Á& () Áà^Á æà[ç^Ác@Álæ ÁÖ^{ [}•dæe^åÁ ãc@ÁÔUT ÙUŠÁ $\delta_{i} \{] \circ c^{h} \dot{A} \tilde{a} \circ | a e \tilde{a} \} \bullet$. Á/ā[^Ávç[|čāā]}Á[Á@?æaÁclæ]•́^¦Á c@[**@4 ^cæe|3&4 |æe^ . ÁŒ[]^ælæ)&^Á[~Á][&æ‡ã^å/‱@[oÁ •] [CHÁ } Á @ Á | æ Á [} OÁ č ¦ ~ æ A

Ý HÁZ @@a) * HÁRHÁU æ) að HÁOHEÁP ^ A c HÁNG ^ c & cái } Ái - ÁÖ^ - ^ & cr Álj ÁOHE à añaç ^ | ^ Á T æ) ` -æ&c` | ^ a ÁUæaaj | ^ • • ÁUc^ | Á+FÎ ŠÁ añ@ÁO[{] æ&cÁQ, + æ^ à ÁÔæi{ ^ } æÁ æ) à ÁT æ&@aj ^ ÁS^ æ} aj * ÁOH* [¦ án@(• ÉHÁRU T ÉÁ COUF-COUÉA CI I ÉI CI HÁCC=CC=D









58J5BH5; 9GC: H<9FAC; F5D<M

	L!FUm#BYihfcbÁ 7H	l`hfUgcb]W	H\Yfac[fUd\m
Bcb!WcbHJWh	Ÿ∧∙	Þ[Ÿ^ ●
7 cadUWh	Þ[Ÿ ^ ∙	Ÿ^ ●
&!8 ≒a U[]b[Ÿ^∙	Þ[Ÿ^ ●
CbY!g]XYX	Þ[Ÿ ^ ∙	Ÿ^ ●



9B < 5B7 = 3; H < 9FAC; F5D < M = 45; 9GK + A57< + B9 @ 5FB + B; 5 @ CF + AG



Ý HÁZ @ mai * ÉARHÁU ang ang HÁOHÁAP ^ ã^ c ÉANGa ^ ` ¦ ang AŠ^ ang } āj * ÁÓ ang ^ a ÁÓ |āj a ÁÚ [` ¦ &^ ÁÚ ^] ang ang ang } Áu ¦ ÁÓ ^ c & caí } Áu ÁT ang ^ i ang ÁÓ ^ ~ & co Ág Á





cit 2020

GHF5H9; M: CF'89: 97HG'89H97H=CB'GHI 8=9G

ÁÖ^ç^|[]Á, ^œa|ã&Á]^&ã, ^} •Á, ão@Á&æqáãa ¦æe^å Áå^~^&o . ÁÙ] ^&ãæ}åÁ ã ^ Áæ} å Áå^] c@ Á/, [Áĉ] ^•Á, ´Åå^~^&o´A [å^|• . ÁØ|æeÆa[cc[{ Á@[|^Ás] å^} cæeæa] }• . ÁØ^~^&o Æa[] ¦āj c^å Áå` ¦āj * Áææå å ãæãç^Á (æ)`~æ&c` ¦āj * Á&[} cæanj āj * Á&[æn] ^åÁ } Ë •āj c^¦^åÁ, [å^¦









BJ9GH; 5 H**B**; 89:97 H **A**5; **B**; **@**A **H**G @D6:!=a df]bhYX'8 YZYWrg'%a a 'rc'&)\$±a

ÁŠÚØÓËą[]¦ą]c^åÁ@{{~~a}]@\\^Á;~~ac@A`}Ë=q;~c\\^åÁ;[, å^\AÛÙHFÎ Á;|æe^ÁæeÁ Y^•ca]*@[`•^



ΪÍ∖^XÁdæ)∙{ã∙ąĨ}ÁÝËæੰÁH€μ{Đ)ã¢^|





=BJ9GH=; 5H=B; ^{*}89:97H^{*}=A5; =B; ^{*}@=A=HG @D6:!=a df]bhYX^{*}8 YZYWhg^{*}%a a ^{*}hc^{*}&)\$±a



ØŠ0ÜÁ¢ÌÍ€FÁ:^Ó4ĮÁÎÌ¢ÏÎÌÁjã¢^|•Áæ¦æÊÉGÎÌ-]•

ÂÛ{ æ∥^• cÆa^c^ &c^ å Æa^ ~ & & Aæd Ä Í €µ{

Ý HÁZ @@a) * ÉÁRTÁÚ að TÁÚ HÁÓ að @ãadð BÁOHÁP ^ ã^c ÉRA©[{] ¦^•• at } At ~ ÁÚč |• ^ å Á Q, + ad ^ å Á/@ ¦{ [* | ad] @ ÁÖ ascará, ãr @ÁV}, •č] ^ ¦çã ^ å ÁŠ^ ad } ā] * Át ¦ Á Þ[} å^• dč & cãt ^ ÁÓ çadř astati } Át - ÁO Bå å ãaŭ ^ | ^ ÁT að č - astac ¦^ å ÁT ^ cad+ Ér ÁOÒÒÒÁ OB& ^• • ÁR E ÉAU ∈ J I Á Á JF €I ÁÇ ⊂ C C DÈ





BJ9GH; 5 HB; 89:97 H **5**; B; **@A HG** : `UhiVcHtca `\ c`Y']bXYbHJh]cb'XYZYWfg']a U[YX'Ztca 'ZUhg]XY



ÒÖT Ëå¦āļ/^åÁį 384'[•&[] 38Á2ÓPq Á§ ÁÙÙHFÎ Áj |æc^ÁÓæ&\Á`¦~æ&^Ájæāj c^åÁ ão@ÁS¦^|[} Á `|dæAyæ¢à|æ&\Á] ¦æ´Ájæāj c



BJ9GH; 5HB; 89:97H5; B; @AH : `Uhi6 cHtca '< c`Y'8 YZYWfg





BJ9GH; 5 HB; 89:97 H **A**5; **B**; **@A H**G : 6 < A]WcgWcd]W8 YZYWg &\$' ±a hc %&+±a]b GG' %



Ù{ æ∯^• ó‰ ^ c^ & c^ å Áå^ ~^ & oÆ Ä µ{

Argonne National Laboratory is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC. Ølæ{^ÁÜæe^kÁQO€ÁP:LÁ¸ðjå[¸Áã^káìÍGÁ¢Áì€]



BJ9GH; 5 HB; 89:97 H = A5; B; **@**A = HG : 6 < A]WcgWcd]W8 YZYWg %) & ta hc +* ta]b GG' %

SS316 plate thickness 0.5mm

Ü^&[¦åã *

Ù{ æ∥^• Ćå^ c^ &c^ å Áå^ ~^ &c∕F€Fµ{

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Ú¦[&^••^å

89DH< F97CBGHFI7H=CB : FCA H<9FAC; F5D<M 85H57I69

ÁÜ^&[}•d`&cāį}Áaæ^åĄ́}ÁFËÖĄ́[å^|Ą́,≁Á@/æsÁdæ}•~^¦

Am/e

 $\frac{V\dot{A}}{\nu\dot{A}}$ $\dot{A}\frac{4V}{4}$

 $\begin{array}{c} \dot{A} \not a \dot{A} & \dot{A} &$

 $\hat{O} (226) = 286 C^{1} \hat{a} (38) \hat{A}^{1} | 222 \hat{a}_{1}^{1} \} \bullet (23) \hat{A}_{0}^{1} \hat{C}_{0}^{1} \hat{A}_{0}^{1} \hat{A}_{0}^{$

 $\ddot{\mathsf{U}}^{\mathsf{A}} \left[\right] \bullet \mathbf{d}^{\mathsf{A}} \left[\right] \overset{\mathsf{A}}{\overset{\mathsf{A}}} \overset{\mathsf{A}}{\overset{\mathsf{A}}} \left[\begin{array}{c} \frac{4Sf}{\pi\sqrt{\alpha}} \\ \frac{4Sf}{\pi\sqrt$

ENERGY Argonne National Laboratory is a U.S. Department of Energy laboratory managed by UChicago Argonne, LLC Ò¢cæ{]|^KÁ{~~~ŏ•ãçãcÂ ¦^&[}•dč&cāį}Á{[¦ÁseÁi{{ËĂ c@38&\Áj|æe^____{Exact}





H<9FA5 @HCAC; F5D<M^{*}fHHŁi=A5; =B; ^{*}C:Á =B+%, ^{*}D@5H9





HH = A5; =B; C: : 6 < 75 @= 6F5H98'89:97HGA0|= 2004 A0 = 100 A0 = 100







HH⁺ = A 5 ; = B; ⁺C: ⁺@D6 : ! = A DF = B H9 8 ⁺7 5 @=6 F 5 H9 8 Å 8 9 : 97 HG

ÁQ]¦ājc^åÁ@{{ãi]@}¦ã&æ‡Á^*ãį}•Á&[}cæājāj*Á}Ëēājc^¦^åÁj[_å^¦Á§jÁQÞÏFÌ









5 I HCA 5 H98 7 @5 GG= =75 H=CB C: 89:97 HG =BÁ HH =A5; =B;



7 @5 GG= = 7 5 H=C B C: 89:97 HG

Ù[˘¦&^Áãį æ*^

Ô[{]čơ\\Ë^^}^\æe^åÁ/VÁ^&[}•dč&cā[}•Á,~Á,|æe^•Á,ão@Á[cæe^åÁå^~^&o



U.S. DEPARTMENT OF ENERGY U.S. Department of Energy laboratory managed by Uchicago Argonne, LLC.

GH



A =7 FCK 5 J9 F9 GCB5 BH HF5 BG8 I 79 F : CFÁ :@CK G9 BG=B; =B 58 J5 B798 F957 HCF < =; <Á H9 A D9 F5 HIF9 : @ =8 G



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CJ9FJ9K

Ö^ç^|[]Á, ĭ|cã, [åæ)Á§, { ^¦∙ã,}Á(^}•[¦Á, Á@ã;@Á¢^{]^¦æeĭ¦^Á↓ĭãå ˝ÁP[||[、Á、^œaa|ã&Á&`|ā}å¦ã&ædÁ、ã&'[、æç^Á^•[}æt[¦Á、ã@éx@a),Á¦^¢ãa|^Á、^{à¦æ}^ \ddot{U} \dot{A} ″Á ″Á/¦æ)•å ٌ&αąį}Áx@[ઁ * @Á, a&¦[•&[] a&Áş[|č { ^Á&@æ) * ^Áx@æeÁ @ão•Á^•[}æ) ơÁ, a&¦[. æç^Á¦^č * ^}&. T^{ à ¦æ}^Áå^-{^&ca]; Ás@[`*@áa^}æ{ 3&Å\`aãÁ,¦^••`¦^ÁÁ{[, T^{ à ¦æ}^Áå^-{^&ca]; Ás@[`*@Á cæa3&Á\`aãÁ,¦^••`¦^Á Á\ç^| ″Á ″Á ″Á OE[] | 38æaa |^Át Á^} • 3, * Át [| æ) oÁ [3a Át Át [åã { Áæ oÁ ^ æt d] | ÁQUOÜD & A a a oÁt [| c^} Á æ oÁ ^ æt d] | Á





(T ÚÚD



7 CAD5 F=GCB HC GH5 H9!C: !H<9!5 FH

	l`lfUgcb]W	9`YWffca U[bYh]W	5 bYa ca Ylfm	A]Wick UjY [°] FYgcbUbhÁ 7 Uj]hm16 UgYX
GYbg]b[`]bÁ k \]W(`Zi]X	<u>Šã ăůÁ[åã{ÁB</u> Á <u>{[c^}Aæ</u> Á Óæ^åÁ}}Ás^c&a‡}Á [~Áā{^Á;~Á‡@A;!Á Ö[]] ^¦Á¦^``^}&^A •@ac	<u>ŠãĭăakÁ[åã{</u> Á Væ\^Ásæiçæ);cæt*^Á[~Á ^ ^&cla3cæbÁ &[}åĭ&caçãcî Á[~ÁjãĭãaA •[åã{	<u>ŠãĭăâÁ([åã{ÁBÁ([d^}}</u> Á <u>∙æc</u> Óæ•^åÁ(}}Á&[}ç^&cãç^Á@/æeA ∖dæ)•-^¦Áà^Á([çā)*Á{ĭãå	<u>ŠãĭăâÁ([åã{ÁBÁ;[c^}</u> Á <u>•æ</u> ¢ \V¦æ)•åĭ&cā[}Áāxáaæ•^åÁ [}Á∛ĭãåËedĭ&cĭ¦^Á ā]c^¦æ&cā[}
=aaYfg]cbˈcfÁ YIhYfbƯ	<u>Ò¢c^\¦}æ</u> V, [Átæ)•åč&^¦•ÁsjÁ]ãa&@ëæ)åË&ææ&@4\¦Á dæ)•{ã•ā[}A([å^Á ¦^čă^Ástā^&o4jā]^A([A •ã@c	<u>Q { ^ •ā] } Á; </u> Á <u>^¢¢^ }æ</u> A T ^æ ` ^Áæe^Á; ~Á &[} å ` &cā] * Áļč¢Á] æ•ā] * Ás@[` * @Á&[āļÁ &¦[••Ē^&cā] }	<u>Q { ^¦•ā]}</u> Q ç[ç^•Á(^æ•`¦ā)*Á ¦^-^\^}&^Á[`¦&^Á8[[ā]*Á ¦æe∿Ás`^Á6[Á8[}ç^&cãç^Á \@`æeÁslæ)•-^¦	<u>Q { ^¦•}a</u> }Á Ôæ)Áà^Á(æå^ÁæeÁ { æ∥Á æÁĉ]^ËSÁo@¦{[&[ĭ] ^
8 Yd`cma YbhÁ WYU`Yb[Yg	Ô¦^•œ‡Á&æ) Áå^*¦æå^Á å`^Át[Á*¢][•`¦^Át[Á @t @Ác^{]^¦æc`¦^Áæ) åÁ ¦æåãæcā[}	Ú^¦{æ}^}ơ{(æ*}^ơÁ &[` åÆà^Æa^Ë \{æ*}^cã^åÈÔ[āJÁ ¦^``ã^•Áæ*^Áã^Á ÖÔÁ;[,^¦Á`]] ^	Ü^ æaãç^ ^Á [,Áù^&æĕ∙^Á [-Á@-æaxkiæ}∙-^¦	P[[, Á cæð; ^••Á c^^ Á •d`&č ¦^Á^•ð;að}oÁt[Á@a*@Á c^{]^¦æč ¦^Áæ)åÁ ¦æåãæean[}
CONCEPTION ACCOUNT OF U.S. Department of Energy la managed by UChicago Argor	lis a boratory nne, LLC.	Ĝ		Argonne 🐴

G9BGCF A C 8 9 @

Ö^ç^∥[]^åÁse) æ† œãkÁt^}•[¦Át [å^| ″ÁÔ@;•^Áã @Á&ã&`|æ;Á&`|ã;å^¦Áå^•ã;}ÁQŠMGæÐÁq Áæ&@ã∿ç^Á@ã;@•oÁÛËæ&q[¦ ″ÁØ[&˘•^åĄ́}Á[、Ą́¦å^¦Á/Ò_{₽₽₽}Ą́[å^

$$\int_{pon}^{NG} \mathbf{A} \frac{c}{2\pi L \sqrt{\mu_r \varepsilon_r}} \sqrt{\left(2X'_{nm}\right)^2 + \left(l\pi\right)^2} \left(\frac{\Delta L}{\sqrt{\mathbf{A}}} \frac{n}{4Z_p} \frac{n}{\sigma} + \frac{1}{\sigma} \right)_{4}$$

 $NA = \frac{5}{54G''} \frac{3}{j^5} \frac{c_6}{x^4}$ }*Ê*; *Ê*, ÁMÁ, [å^Á, č{à∧̃¦∙ &WA1]^^å/i -Áð @c ŠÁMA(^) * c@Á æÁMÁæåã•Á $\dot{\Lambda}$ $\dot{\Lambda}$

$$\begin{array}{c} \mu_{i} \hat{A} M \hat{A} \\ \mu_{i} \hat{A} M \hat{A} \\ \hat{A}$$

″MÁÚ[ã•[}ÁæaãįÁ

ÁMÁ√ ãã Áã^}•ãĉ Á

çÁMÁ∤ĭãåÁç^∥ &ãĉ U.S. Department of U.S. Department of Energy laboratory u.S. Department of Energy laboratory

Ú¦[&^^åð] * • ÁFGo@ÁÞ`&|^æAÚ|æ) oÁQ • d`{ ^} cæað] }ÊÔ[}d[|Áæ) åÁP`{ æ}ËT æ&@3,^A Qchi-288^Á/^&@[[[* ar Ap ÚODBPT QXAOEGFDAAG-G GHÌ AQOEGFDE



G9 BGC F 'F 9 G=99 B7 9 '9 GHA 5 H-C B

› T[å^|Á\$[]|^{{ ^} ♂åÁ\$jÁÔUTÙUŠÁÛdĭ&c覿‡ÁT^&@æ)jã&e ÁT[åĭ|^



89J9@CDA9BHG7<98I @9

GYbgcf^{*}dfchchmdY^{*}XYg][b



:`ck ˈgYbg]b[ˈ]bˈk UhYf



:`ck `gYbg]b[`]b`\][\ `hYa dYfUh fY`Zi









G9BGCF[®]89G; B

- ″Á Ùãt}æ¢Á^æå[ĭơᢤã0@ÁæÁ(ã&¦[,æç^Á&ã&i&ĭ|æ[¦
- ´Á Öãį ^}•ãį }•Á; æcs&@°åÁş[Ász[{ { ^¦&ãæ¢ÁY ÜË GÁ; ãsc]; æçç^Á; æçç^*`ãå^Á GOÈE; { Á¦æ}*^









: @CK'G9BG=B; '=B'K5H9F'@CCD









: @CK G9BG=B; =BK5H9F @CCD

Uàcæð, ^åÁð, ãñãæḥÁ^•č |œÁ, -Á, æe^¦Á{[, Á, ^æ•č ¦^{ ^} oÁ ˝ÁT ^æ•č ¦^Á¦^č ^} & Â, @ãoÁ, -Á/Ò_{€FF}Á, [å^Áç•ÈÁ^-^¦^} & A, Åç[|č{ ^Á{[, Áæe^ . ÁÔæ}&č |æe^åÁ_eÁv/Æï È €ÕP:

.ÁT^æeĭ¦^åÁ_€ÁMÁFÏÈÈÌÕP:

″ÁÙ^} ● ãtãçãc Áξ Á¦[, Á ÁF€€SP: ĐÕÚT



BING ACTION ACTION ACTION AND A CONTRACT OF A CONTRACT OF

HG

Flow Rate (GPM)

Œ€ŒÈ



HF5BGHCBHC: @CKG9BG=B; =B'@EI=8 GC8 = A

Gâ^} cãã∿åÁ∿¢ã cãj*Á∿¢]^¦ã[^} cæ‡Á^č]Á[¦ÁãĭăâÁ[åã {Á∦[,Á^}•ãj*Áơ∿•c

- Q;]ą̃*ą̃*Áb∿oÁų[,
- Q)• ઁ |æe^åÁ& ˆ |ājå¦ã&æ‡Áæa) \ÁFJĚājÁçÁJĚājÁ,ãc@Á ājÁ&^} ơ\¦Á^^åÁjāj^
- Ü^~^¦^}&^Á`|dæ•[}ã&Á+[, Á; ^c^¦Á\$;•cæ+|^åA;}ÁÒTÁ;`{]







HF5BG+++CBHC: @CK G9BG+B; +B @EI +8 $GC8 \neq A$

Ö^ç^|[]^åÁç^••^|Áşic^*¦æe^åÁşiq[Á[[]Á{¦Á{[, Á^}}•ã]*ÁşiÁş[]ã]*ã]*ÁboA*^[{^d^ ˝ÁY æe^¦Áç^●●^|Á、ão@Ác@ Á æŧ ^Á*^[{ ^d ã&æŧÁ,æbæŧ ^c^¦● Áæ• Áã ˘ãå Á [åã { Áç^●●^|ÁÇƏ€∄, Á¢Á∓€∄, Á & [ā å^¦Á ã @Á Á§ Á&} c^¦Á^^å Áā ^





Waveguide insertion probe with cylindrical sensor





F989G=; B98'=BG9FH=CB'DFC69': CF': @CK G9BG=B; '=B'K5H9F'J9GG9@

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- Ò}&{[•^åÁ\$jÁÛÙHFÎÁ;¦[ơ^&cãç^Áčà^



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DF9@A=B5FMF9GI@HGC::@CKG9BG=B;=B K5H9FJ9GG9@

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.Á Ôæ†&ĭ|æe^åÁ_€ÁMÁFÏÈE€ÕP:

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. Á⊳^^åÁţ Áæåb • ó4ţ ¦Áş &\^æ•ã; * Áv{]^\æč \^Áş Áţ`ãå



VĚZCEA) * ÉÉRÉÁL) að áð ÉÉL) ÉZÓ að @ ãæb áÉQEÉAP ^ ã^ c ÉALCál ^ ` ^ } & ÂL @ ãelÓ að ^ | ā ^ Á Ü^{ [ça4Át | ÁQ] | [ç^å ÁT ^ æð | ^ { ^ } d^{*} • ð] * ÁT ãbl[, æç^ ÁÔ æç ãc Á Ü^•[} æt | ÉhÁL|[&^^å ð] * • Á, ÁGEGGÁQ & / } æt j & APÔ[} * ^ / ^ } & A / Á) / & A / Á } AÔ / & A [Ë Q, + / { æt j } Á/^ & Q [] [* ^ ÁQO / DÉA H É H J È





89G=; B98 DFC69 5 GG9A6 @M: CF @EI =8 Á GC8 = A : @CK H9GH Ö^• ð} ^åÁ¦[à^Áæ•^{{ à| ´Á{ ¦Áã ` ãaÁ[åã { Á{ , Á*•c

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DF9@A-B5FMH9GHB; 'C: 'GG' %' DFC69' BÁ K5H9F'J9GG9@





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89G=; B98⁻J9GG9@: @5B; 9⁻:CF⁻DFC69Á =BG9FH=CB

*″Á*riffYbhmibXYf^{*}ZJVf]WUhjcb





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EI9GH+CBG3







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