gXlpek O ketqtgcevqt

gXlpek'ku"c"pgzv'i gpgtcvkqp"o ketqtgcevqt
f gikxgtkpi "engcp"(""tgikcdng"gpgti{ "hqt"vj g"43uv"egpwt{

gXlpek'O ketqtgcevqt"Qxgtxkgy "cpf "Hkdgt" Qr vke"Ugpuqt"Dgpghku

Vj qo cu"Vy ggf rg."Hgntq{ "Gpi kpggt
Vgej pkecn"Ngcf ."gXlpek'K E"
O ctej ."4245

F gr rq{o gpv'Xkukqp

P wengct''dcwgt{ ''f guki pgf ''hqt''uchg''
cpf ''tgrkcdrg''grgevtkekv{ ''cpf ''j gcv

- É 37''O Y ''tgcevqt
- É Ghhgevkxg''eqi gpgtcvkqp''pwengct''dcwgt{
- É : ''{ gct''tghwgrkpi ''e{eng
- É Vtcpurqtvcdrg''hqt''gcug''qh''kpuvcrncvkqp''(''
  grko kpcvkqp''qh''ur gpv''hwgr''uvqtci g''qp''ukvg
- É Equv/eqo r gvkvkxg''r ncpv''rkhge{erg
- É O kpko cr''qpukvg''r gtuqppgn
- É O cwtg''vgej pqrqi {.''o cpwhcewtkpi .''cpf ''
  tgi wncvqt{ ''tgcf kpguu
- É J ki j ''ur ggf ''rqcf ''hqmqy kpi ''ecr cdkrkv{
- É Xgtucvkrg''cpf ''hrgzkdrg''qr gp/ckt''Dtc{vqp''
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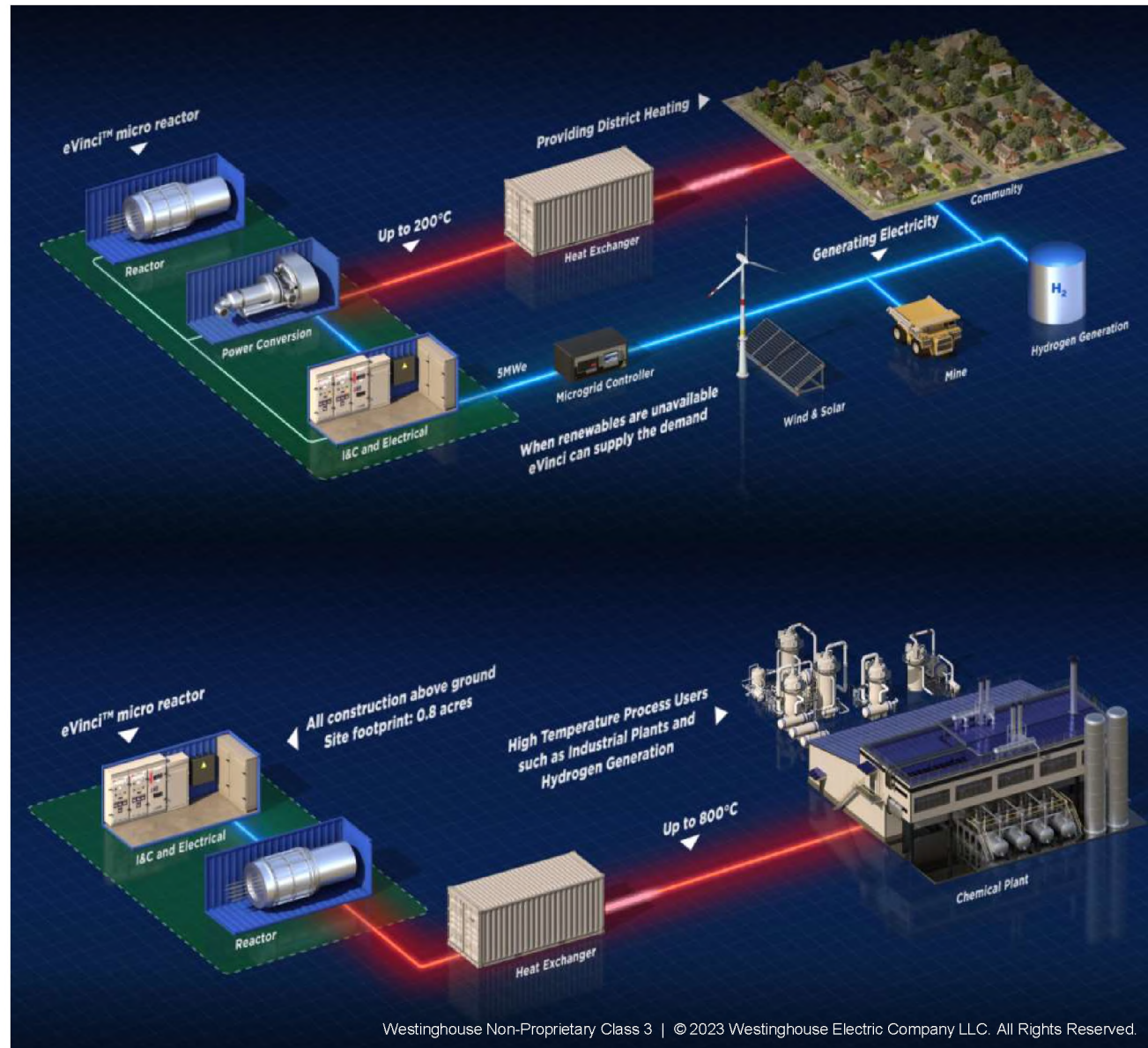
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Rctco gvgt	gXlpek
Rqy gt	37'O Y v
Hwgn'E{eng	: "{gctu
Hwgn'*Gptkej o gpv+	VTKUQ"*3;075' +
Eqqrcpv	J gcv'Rkrgu
Tgcevqt'Rtguuwtg	¢3"cvo
O qfgtcvqt	I tcrj kg
Rqy gt'Eqpxgtukqp	Qr gp-Ckt 'Dtc{vqp
Ghhkekgpe{	56'
F gec{'J gcv'Tgo qxcn	Tcfkcn'Eqpfwevkqp

Eqpvtqn'F two u

J gcv'Rkrgu

"Uj kgnfkpi "("
Dwnnj gcf

Hkdgt'Qrvke"
Ugpuqt'Rncvg

Uj w'F qy p'Tqf u

I tcrj kvg'Eqtg"
Dnqem

Uvggn'Ecpkuvgt

Tcf kcn'Tghngevqt

Rtko ct{"
J gcv'
Gzej cpi gt

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Y guvkpi j qwug'Pqp/Rtqrtkgvct{"Encuu'5"-"í "4245"Y guvkpi j qwug'Gngevtke'Eqo r cp{'NNE0Cnt'Tki j vu'Tgugtxgf 0
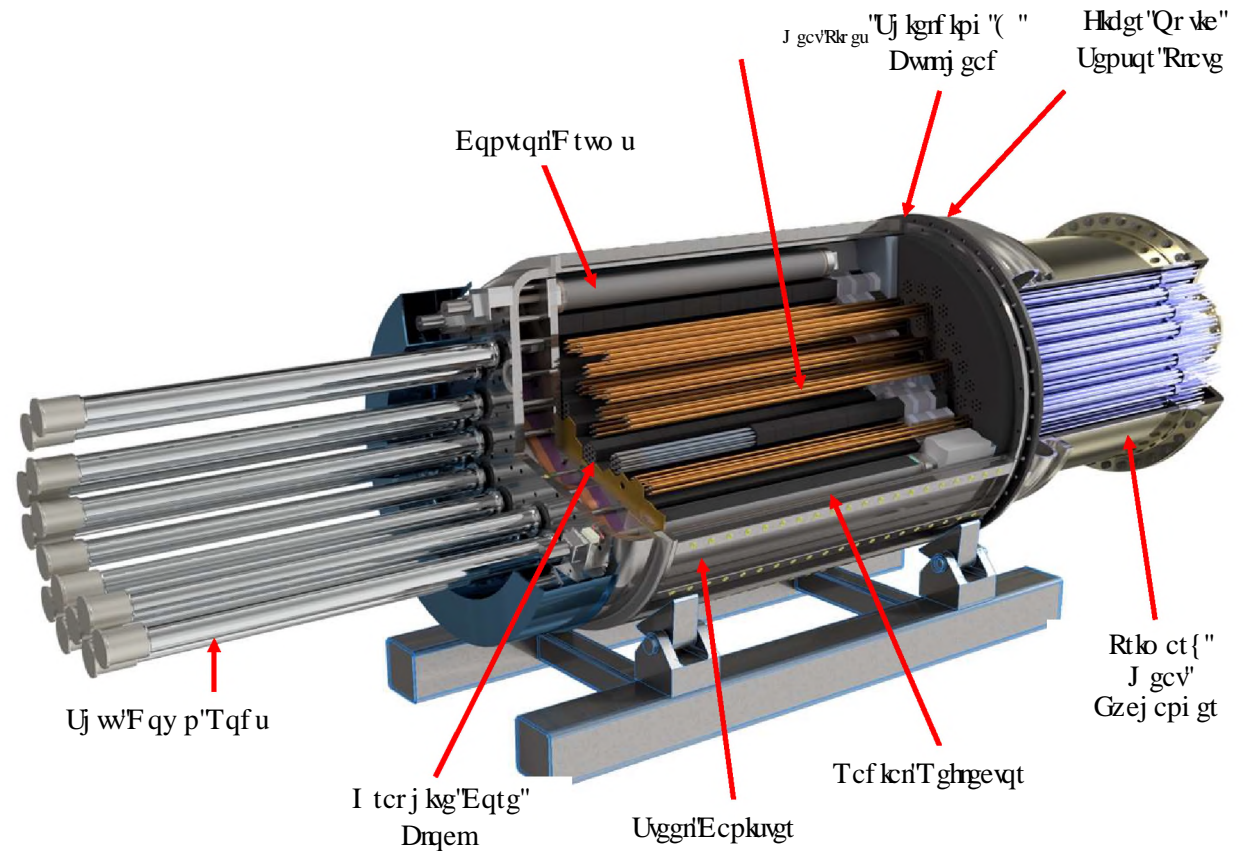
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Y j { "J gcv"Rkr guA

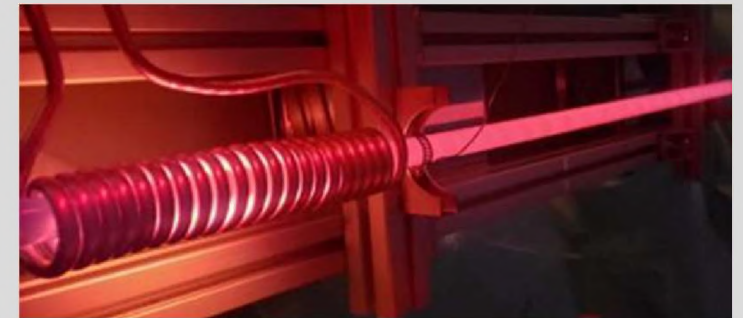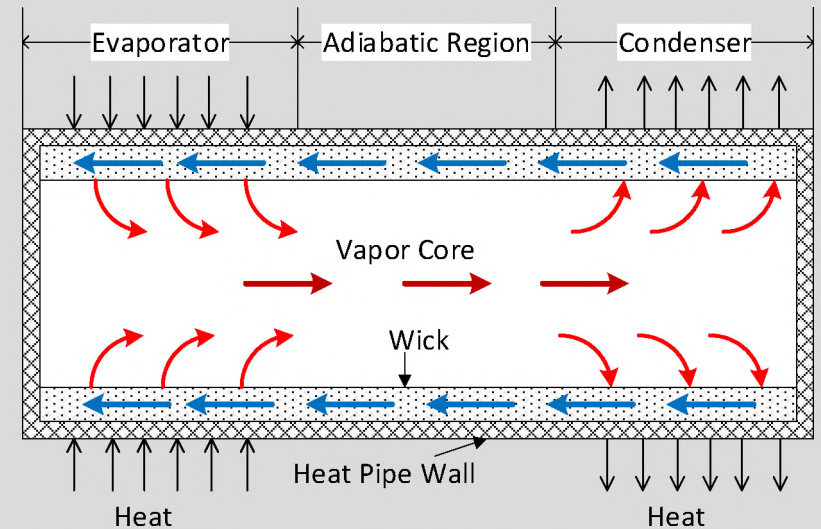"J gcv"r kr gu"*J Ru+"ctg"r cuukxg"j gcv"tcpur qtv"
f gxlegu

" J Ru" grko kpcvg" pggf " hqt" tgcevqt" eqqncpv" r wo r u."
TEU." r tko ct{" eqqncpv" ej go kuvt{" eqpvtqn" cpf " cnn"
cuuqekcvgf "cwzknkct{"u{uvgo u

"P q"eqqnkpi "y cvgt"tgs wktgf

"J Ru"ctg"ugnh"tgi wncvkpi

"Eqo o qpn{"wugf "kp"kpf wuvtkcn"r tqeguugu

Y guvkpi j qwug"j cu"f gxgnqr gf "kpf wut{"ngcf kpi "j gcv"
r kr g"o cpwhcevwtkpi "cpf "vguvkpi "r tqeguugu

Evaporator | Adiabatic Region | Condenser

Vapor Core

Wick

Heat Pipe Wall

Heat   Heat

gXkpeK'O ktqtgcevqt''Uchgv{''Tgncvgf''Ugpuqtu
Tqdwuv'Ugpuqtu'hqt'Tgcevqt'Rtqeguu'O gcuwtgo gpv

Kpuvtwo gpvcvkqp

É''gXkpeK'ko r ngo gpvu'uwhhkekgpv'kpuvtwo gpvcvkqp'hqt''cwqpqo qwu'qr gtcvkqp

É''Kpuvtwo gpvcvkqp'j cu'j ki j ''tgnkcdknkv{.'j ki j ''ur cvkcn'tguqnwvkqp."
s wcnkhkgf ''hqt'pwengct''uchgv{''tgncvgf ''wug

Eqtg''Ugpuqtu

É''Hkdgt''qr vke''ugpuqtu''hqt''j gcv'r kr g''vgo r gtcwtg''o gcuwtgo gpv

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Ej cmgpi gu''hqt''Ugpuqt''F gxgnqr o gpv

ó''   J ki j ''qr gtcvkpi ''vgo r gtcwtg

ó''   KkQ''f gpukv{.''hqqvr tkpv'eqpukf gtcvkqpu

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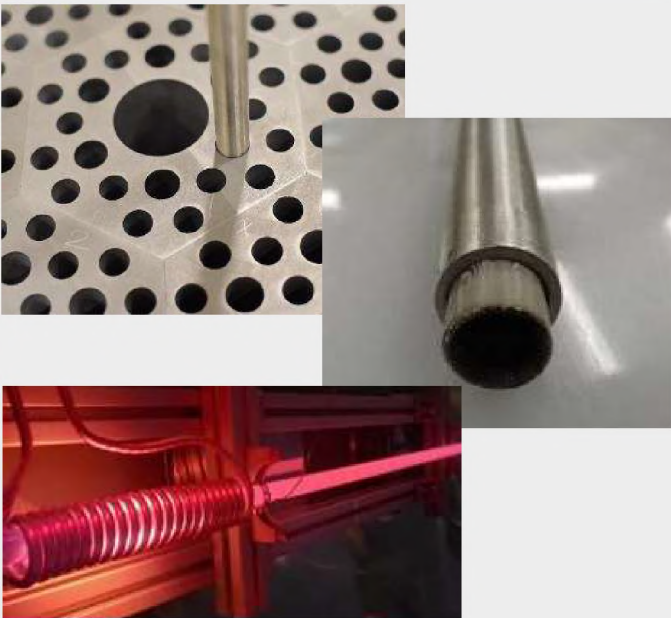
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gXkpek'O ketqtgcevqt'Hkdgt'Qrvke'Ugpuqtu
F guki p'cpf 'Vguvkpi

Hkdgt'Ugpuqt'F guki p'('gXkpek'Crrnkecvkqp

É Ugpuqtu'ctg'ugcngf 'kp'ecrknct{'wdg

É Ecrknct{'wdg'kpuvcngf 'kp'o qwpvkpi 'rncvg

É O qwpvkpi 'rncvg'kp'cfkcdcvke'tgikqp'qh'gXkpek'tgcevqt'
cuugo dn{

Y guvkpi j qwug'J ki j 'Vgo rgtcwtg'Vguvkpi

É Vy q'vguvu'cv'; 22E/3222E'eqo rngvgf 'vq'fcvg

É 5tf 'vguv'kp'kpkvkcn'vguv'ugwr 'cpf 'uj cngfqy p'rj cug

É Vj ktf 'vguv'cv'; 22E.'y knn'kpenwfg'c'ugkuo ke'vguv

É Ktcfkcvkqp'vguvu.'hqto cn'swcnkhkecvkqp'rncppgf

Mounting Plate

Ugpuqt'Vguv'Cuugo dn{

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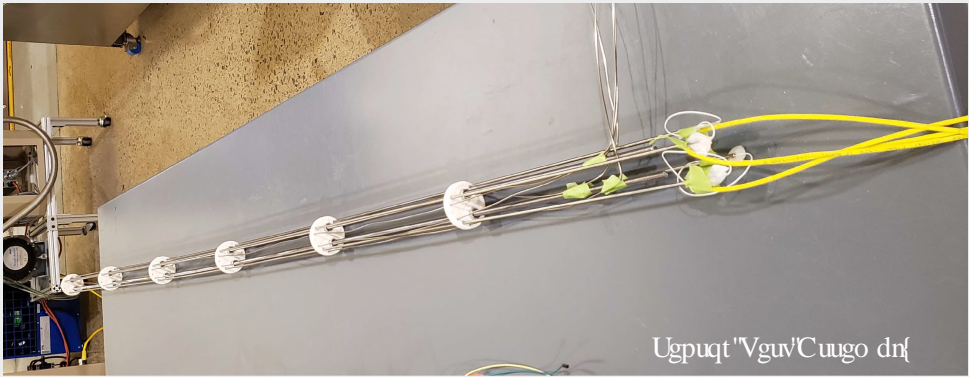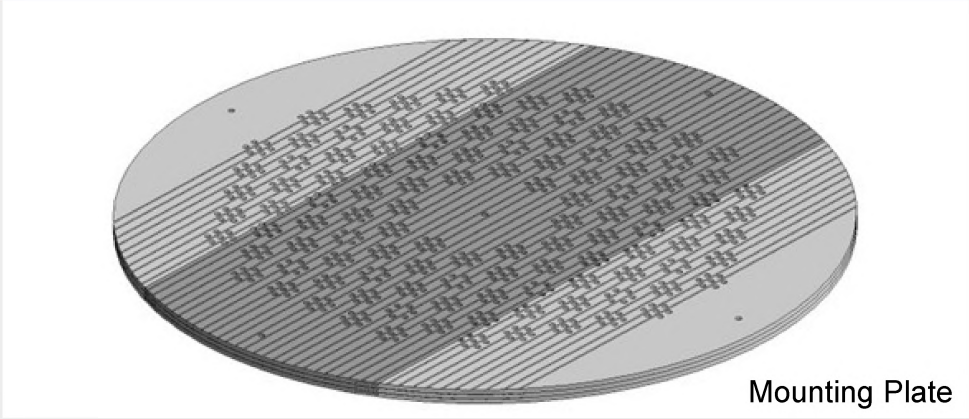
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Hkdgt"Ugpuqtu"Gpcdng"gXkpek"Fgrnq{ogpv"Xkukqp

Cwqpqo qwu"qr gtcvkqp"y kj "rko kvgf "qp/ukvg"uvchh

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Tgo qvg"o qpkqtkpi "ecr cdkrkvgu"gpcdrg

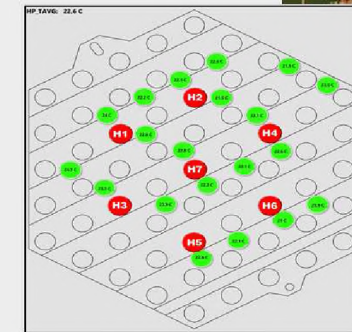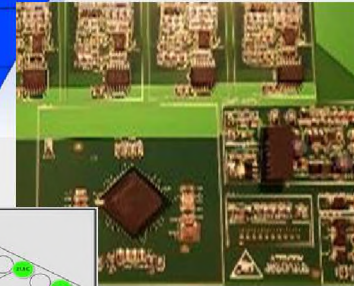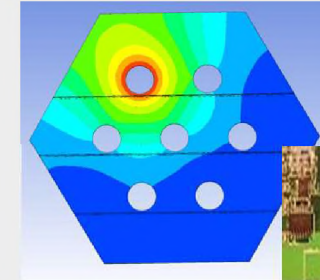É' Rtgfkevkxg"cpcn{vkeu"cpf "r tgfkevkxg"o ckpvgpcpeg"ecr cdkrkvgu

É' Fcvc"eqrngevkqp"hqt"dki "fcvc"cpf "o cej kpg"ngctpkpi

Tgfwekpi "vj g"tgrkcpeg"qp"j wo cp"qr gtcvqtu"cpf "vgej pkekcpu

É' Tgfwegu"Q(O "equvu"vj tqwij "r tgfkevkxg"xu0"r tguetkdgf "o ckpvgpcpeg
  ÉTgfwegf "kpxgpvqt{ "equv'qh"ur ctg"r ctvu

É' Tgfweg"fqy pvko g"qh"etkvkecn"r qy gt"kphtcuvtwevwtg

É' Gpcdngu"tgo qvg"nqecvkqpu"y j gtg"vtcxgn"qt"nqi kuvkeu"ctg"fkhhkewnv

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Vj cpm"[qw#

Ugg"qwt"P cxki cvqt"hqt"o qtg"kphqto cvkqp"qp"vj g"gXkpek"
o ketqtgcevqt"cpf "cm"Y guvkpi j qwug"vgej pqmqi {