



r kfsbopfqv= c=pl r qe= ^ol i fk^=

` l i r j _f^IRK` KOVOMS=

p`el l i = c i ^t =

aÉĀĒāĀĒē-00I=NVU0=

dçî Ééâçê-oāŪ-êç-t KoāāÉó=
mçēi= NāĀĒ=_çñ=NNQRM=
` çāi āĀā-Ipçî iŪ= ~êçāā~OVONN=

aÉ-ê-dçî Ééâçê-oāāÉóW

qŪāe-oÉéçēi-eÉēēēÉaīē-iŪÉ-AçāāĀiāi ē-ēNçēiē-çNā ~áo-éÉçéāē-çî ēē-iŪÉ-Açî ēēÉ-çNēĒi ēē-ā-ā çāiŪēKqŪÉ=
` çā ā āiĒĒ-ŪÉâç-āīē-Nçēi-ā ÉĒiāā0-çā-gi aÉ-OVI=NVUOKqŪÉēē-NĒēl-iŪÉ-Ni āāç ā ā āiĒĒ-ā ēi-ā çāiŪāōl-āç=
çNĒā-ā çēÉ-Nēēēi Éāiāōl-āç-iŪēĒĒ-ēi ĀĀç ā ā āiĒĒē-ŪÉâç-ççāiāçā-ā-ā ÉĒiāā0ē-iç-Ni ēiŪÉē-çāāi ēē-ē-ēiāi ā-ē-
ēçāiēK

vçî ē-ĀŪ-ē0É-iç-ēi ēi ~ē-iç-ēĒi āĒi ēnāēiāā0-ā-i => āç-ēçāā0-ĀçāĀēēāā0-çēçî ŌŪi=> āç-çîŪÉē-i ~iēē-ēēi ēēl=> āç=
i ē-Ū-i ē-ēĒi ēāĒç-i āŪ-ēēĒāāā-ēĒāç ā ēāç-iāçāē-çā-iŪēēē-ēi āāĒiēK i ēē-OTM-ōÉ-ēē-Ōç-> gi ÇŌÉ-i ēçīĒl=
?EīFŪÉ-iēi iŪ-āēl-i ē-āā ē-āā-> ā-ŌĒl-i ŪÉēē-ā ēā-ēē-> ēi-iç-āēāā0-iŪçēē-iŪāā0ē-āā-ēi ēēiāçā-l-çNī ŪāŪ-çî ē-
~āĀēiçēē-āĒi ēē-ççî ĀiĒç?mçî ēāā-gK ēāiçā-i Kpī-āçāŪ-S-j ÇKNVMĒNTMŌFKmĒēŪ-ēē-i ē-āā ē-āā-> ēāā ā-ē-
~ŌĒK çāāĀiāi ēāōl-çî ē-ēĒāç ā ēāç-iāçāē-ēi ŌŌēēi-iŪ-i-iŪÉ-pī-iē-çNpçî iŪ= ~êçāā~ēŪçî āç-i-āē-> ā çēÉ=
~Āiāi ē-ēçāē-āā-ā-ā-Ōāā0-i ~iēē-ēÉçî ēĀĒē-iŪ-ā-çî ē-āĀēiçēē-i çî āç-Ū-i ē-çāĀĒ-āā-ŌāāĒçK

qŪÉ= ` çā ā āiĒĒē-iŪçî ŌŪēl-eĒĒĒĀiāçāēl-āç-Nā~āēēēçēi-Nçāçî l-āç-i ē-Ūçēē-iŪ-i-āi āāĀĒ-çNī ēē-iç=
óçî K

s Ééó-iēi āó-óçî ēēl=

pīÉēŪĒā=^ Kpéāi0=
` Ū-āēā-ā=
pī-iĒ-t ~iĒē-i ~i -ōĒi āĒi = ` çā ā āiĒĒē=

SAS : mf c

qŪÉ-r āāi ēēēāi0-çNpçî iŪ= ~êçāā-Wr p` =^ āāĒāWr p` =p-āāĒŪ-iĀŪāĒl=^ āāĒāç-āĒXr p` =
_Ē-i NçēiWr p` = çāi āĀā-X` ç-ēi-ā` ~êçāā~=` çāāĒŌĒl= çāi ~óXr p` i ~āĀ-ēiēXr p` =
pē-ēi-āĀi ēŌXr p` =pī āiĒēXr p` =r āāçāX-āç-iŪÉ-j āāi-ēó= ~ā ēi ēK

=

= dl sbokl obp t ^ qbo= i ^ t =obsfbt =` l j j fqqbb=j bj _bopefm=

=

= k ^ j b= = = = = = = obmobpbkqfkd=

= j eKpíÉéÜÉá=^ KpéáíóI-bèèi áÉÉ= Ü-áéã ~á= ^ iJä-eÖÉ=

mécÑēēçēl-pÁÜççä-çÑi ~i =

r áái Éēáíó-çÑpçì iÜ= ` ~ēçää~ =

` çäi ä Áá-I-pçì iÜ= ` ~ēçää~ -OVOMU=

=

pÉá-íçē-qKbÇ-d-ēēāçá= gçáái=i ÉÖäã-íái É-t ~íÉ=

QNO-clēÉēÉíiÉ= ì äÇááÖ= oÉēçì eÁÉē-píi Çó= ` çã ä ááiÉÉ=

` çäi ä Áá-I-pçì iÜ= ` ~ēçää~ -OVOMD= E` Ü-áéã ~áÉ=

=

j eKo-äéÜ-j ~ÖçÑäa= ^ ÖeÁi äi e-ä-faiÉeÉiē=

aÉéi íó= ` çã ä äēāçáÉē=

pK` KaÉē-éiä Éái-çÑ ^ ÖeÁi äi eÉ=

t ~ÇÉ-e-ä éiçá= ÑÄÉ= ì äÇááÖ=

` çäi ä Áá-I-pçì iÜ= ` ~ēçää~ -OVONN=

=

bäö-ÄÉiÜ-péÉáÁÉ= oÉÁÉÉ-íáçá-ä-faiÉeÉiē=

pK` Kt äÇááÑē-cÉÇÉē-íáçá=

mçéi-ÑÄÉ= çñ-QNUS=

` çäi ä Áá-I-pçì iÜ= ` ~ēçää~ -OVOQM=

=

qÜÉ-eçáçē-ÄáÉ-t ~äíÉ-gK_ éäiçì I-gēK ` äeÁi äi= ` çì éi=

mçéi-ÑÄÉ= çñ-RPTT=

` çäi ä Áá-I-pçì iÜ= ` ~ēçää~ -OVORM=

E^ äíÉéá-iÉ-I-pì e-äáÉ-j ì ééÜóI-bèèi áÉÉ=

=

j eKj Ki Ki çíÉI= ` çì áíó-j ~á-ÖÉē= i çÁ-ä-clçì Éeä ä Éái=

cäçéÉáÁÉ= ` çì áíó=

mçéi-ÑÄÉ-aé-i Éē-cl=

` áíóL ` çì áíó= ` çã éáÉñ=

cäçéÉáÁÉI-pçì iÜ= ` ~ēçää~ -OVRM=

=

j eKaçì Ö-bÁÜçäē= i çÁ-ä-clçì Éeä ä Éái=

j Éä ÁÉÉI-oçÁá-eää ` áíó= ` çì áÁää=

TRV-pì äíÉē= ^ í Éái É=

oçÁá-eääI-pçì iÜ= ` ~ēçää~ -OVRM=

=

` Kaá-aÉ-pã çÁáI-bèèi áÉÉ= ^ iJä-eÖÉ=

v-éÁçéçì ÖÜI-j ççéÉ-C-pã çÁá=

pì áíÉ-QNPI= ~äáÉēē-qèi éi-mä-ò=

clēÉÉái äáÉI-pçì iÜ= ` ~ēçää~ -OVSMN=

=

j eKt äää-ä= K-v-éÁçéçì ÖÜ=

e-ä éiçá-clçì É-béi-íÉē= pçì iÜ= ` ~ēçää~ = ` Ü-ä ÁÉē-çÑ=

^ äáÉäÇ-áÉI-pçì iÜ= ` ~ēçää~ -OVUNM= ` çã ä ÉeÁÉ=

faÇì éiēá-ä-faiÉeÉiē=

=	j bj _bopefm=Áçáíáí ÉÇF=	=	=	=	=	obmobpbkqfkd=
=	k^j b=	=	=	=	=	
	j êKcê-àò-t ÉeÉÁlj ~à-ÖÉe=	=	=	=	=	eóÇèÇÉÁÉÁíéá-dÉáÉe-íçèe=
	eóÇèÇéçí Ée-méçÇí Áíáçá-àÇ-l éÉe-íáçáe=					
	pK` KáÉÁíéáÁ-àÇ-d-è-` çã é-áo=					
	mçéi-l NÁÁÉ=_çñ-TSQ=					
	` çäi äÁá-l-pçí iÜ= `êçää~OVONU=					
=						bñJl ccf` fl çj bj _bop=
=						
	t ~áçá-KqKj Ái ÉçÇlffl-bèèi áÉ=	=				aÉe-éiä Éái-çÑeÉ-äiÜ-àÇ=
	aeb`-dÉáÉe-ä` çí áeÉá=	=				= báí áeçáä Éái-ä` çáíeçá=
	OSMM_ i äá-píeÉí=					
	` çäi äÁá-l-pçí iÜ= `êçää~OVOMN=					
	E^ áÉéá-iÉ-l-oKí Éi áe-pÜ-i F=					
=						
	m-i-äpKí É-Öi Él-bèèi áÉ=	=				t ~iÉe-oÉèçí eÁÉe=` çã ä áeéçá=
	pK` Kt ~iÉe-oÉèçí eÁÉe=` çã ä áeéçá=					
	i ÉÖ-ä` çí áeÉá=					
	mçéi-l NÁÁÉ=_çñ-RMRMS=					
	` çäi äÁá-l-pçí iÜ= `êçää~OVORM=					
=						
	j êKcê-éçáÇ-dççÇááÖl=^ eéáí-ái-aáÉÁíçè=	=				mí Áää-pÉéí áÁÉe=` çã ä áeéçá=
	r íääíáÉe-aáí áeçá=					
	pK` Kmí Áää-pÉéí áÁÉe=` çã ä áeéçá=					
	mçéi-l NÁÁÉ=-aé-i Ée-NNSQV=					
	` çäi äÁá-l-pçí iÜ= `êçää~OVONN=					
=						
	j êKbÇ-aí áÁ-à=	=				t äáÇääÑe-àÇ-j ~éääÉ=
	pK` Kt äáÇääÑe-àÇ-j ~éääÉ=	=				= oÉèçí eÁÉe=` çã ä áeéçá=
	oÉèçí eÁÉe-aÉe-éiä Éái=					
	mçéi-l NÁÁÉ=_çñ-NST=					
	` çäi äÁá-l-pçí iÜ= `êçää~OVOMD=					
=						
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^` hkl t i badj bkqp=

=

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peÉÁá-ä-éééÉÁá-íáçá-æ-Çi É=ç=t ááá-ã= Kj çéÉl-bèèi æÉl-i ÜçéÉ-i çã áí-éó-Áçáíéáì íáçáé-íç=ÜÉ-i çéá-çÑíÜÉ= çã ä áííÉÉ-i ÉéÉ= ááí-äi-ÄáÉK

=

qÜÉ= çã ä áííÉÉ-æç-ÉñééÉéÉ-äíé-éééÉÁá-íáçá-íç-aÉÁé-~pi ÉÉiã-~ai-Ñç-ÜÉé-éÉÉ-éÁÜ-çá-ääJéiÉ-ã-Ñçí æÖää-íáçáXgçÜá-mi éi æl-pí-iÉ= ää-íççÖáíX_éáÖ-ÇáÉé-dÉáÉé-ä-dÉçéÖÉ-OKt æÉl-bã ÉéÖÉáÁó-méÉé-éÉÇáÉéé-aáí æáçá-çÑíÜÉ=^ Çàì í-áí-dÉáÉé-äí-ÑáÉX-aá-áÉ= áí ááí-r KpKæÜ=áÇ-t æÇááÑÉ-pÉéí áÁÉX-éÉéÉÉÉáí-íáí Éé-çÑpçí iÜ= ~éçää-~báÉÁíéáÁ-áÇ-d-é-áÇ-ai áÉ-mçí ÉéX- ~éçáóá-gçéÇ-á-áÇ= j ~éiÜ=- é-áó-áá-íÜÉ-dçí ÉéáçéÖ-aáí æáçá-çÑK-íi é-áóÉççí éÁÉéX-áÇ-gí Çó-j AmÜÉéçá-çÑt çéÇ-méçÁÉééáÖK

=

qÜÉ= çã ä áííÉÉ-æ-Öé-íÉÑí-áÑç-íÜÉ-éi ééçéí-áÇ-éÉéí áÁÉ-ééçí áÇÉÇ-Áó-m-íéáÁ-í Kgléã-~ai-aæÉÁíçé-çÑíÜÉ-dçí ÉéáçéÖ-aáí æáçá-çÑK-íi é-áóÉççí éÁÉé-áÇ-íÜÉ-báí æçáã ÉáíKqÜÉ= çã ä áííÉÉ-æç-ÉñíÉáÇé-äíé-ééÉÁá-ä-éééÉÁá-íáçá-íç=ÜÉ-ií ç-pí-iÉ-ÖÉáÁáÉ-ã çéí= ÇæÉÁíáó-ááí çã ÉÇ-i áíÜ-i ~íÉé-íÜÉ-aÉé-éíá Éáí-çÑ-É-áíÜ-áÇ-báí æçáã Éáí-ä` çáíéçá-áÇ-íÜÉ-t ~íÉé-óÉççí éÁÉé= çã ä æéáçáK_çíÜ=-ÖÉáÁáÉé-íáá É-áÇ-~ááí-ÖéÉ-íáó-ÜÉæÉÇ-íÜÉ= çã ä áííÉÉ-áá-áíé-i çéáK

=

cáá-ääí-íÜÉ= çã ä áííÉÉ-i çí áÇ-ääÉ-íç-Áááçí æÉÇÖÉ-íÜÉ-ééÉÁá-á-Áçáíéáì íáçáé-çÑáé= Ü-ää-~ai-pííÉéÜÉa-peáíóI-áÇ-íÜÉ= Ü-ää Éá-çÑáé-ií ç-éí ÁÁçá ä áííÉÉéí-t ááá-ã-v-éÁçéçí ÖÜ-áÇ-j Kí Kí çí ÉK

abcfkfqfl k-l c-qboj p=p-r pba=fk-qefp-obml oq=

=

=

fāfāā-ā-rēfā wā-ei-īfē-açī-çÜfēāāō-iç-iüfē-eae-ēā-ā-ççāfēāāēl-iüfē-īfēā-āfēāēfāēāā-ā-ēfē-ōfēāfē-āō-āāā çfē-āō-āīā ēl-āçāēī ā ēīā ēl-āç-ī ēfēā-āçāī fēēāçā-çñī ~īēkfaē-ēīfēā-ei-īfēl-iüfē-īfēā-āē-ōfēāfē-āō-ī ēfç-iç-çēñāē-āçīü-āīā ē-ī ēē-āç-āāJēīēf-ā-ñçī -āēēçēk

=

~ē-āāō-rēē-ēē wā-āçēē-iüfē-pçī iü-ēçāā-çdēçī açī ~īē-r ēē-āīl-pēāīāçā-QVJRJNM-ēī-ēēēM-pk k`ççē-çñī ~ī ē-ENVTSf-ā-ēf-çñīüfē-ēī-īfē-ā-ō-āē-çēāā-ēēç-ā-ē-āāīō-ī ēē-ēē-āō-iüfē-t ~īē-ōēēçī eāēē-`çā ā āēēāçā-āñā-ā-çēīfēā āāēç-iü-ī-iüfē-ōōēō-īfē-ī ēē-çñōēçī açī ~īē-ī āīüāā-ā-ēē-ñf-ü-ī ē-çēī ēāçēēç-çē-iüfē-īfēā-iç-çēī ēāçē-iç-çēōēēē-ī üāü-ēēēī āēē-āççēçāā-iāçā-āç-ēēōī ā-iāçā-iç-ē-ēñāēēç-çē-iüfē-īfēā-iç-ēñāēēç-iüfē-ēfāēī -āçē-ēēēāēāēüā ēāī-çñōēçī açī ~īēkfa-ā-ē-āāīō-ī ēē-ēē-l-ā-ā-ī ēēē-çñōēçī açī ~īē-āā-ēñāēē-çññmmmmō-āçāē-ēēç-ō-ā ī ēi-çāī-āā-ēēēā ā-ñçē-ēī ü-ī ēē-ñçā-iüfē-`çā ā āēēāçk

=

āāfēēçā wqüē-ī āiüçē-ī -āçē-ēēā çī -āçñī ~īē-ñçā āēē-ā-īī ē-āī ~īēāçī ēēēī-ī üēīüfē-āō-ēāēl-āü-āāēāi-çē-çīüfē-ēīāñāā-ā-ā ē-āē-çñāçāī ēō-āāē-āē-çāī fēēāçā-çñēī ēñ-āē-ī ~īēk^ -çāī fēēāçā-ā-ō-āē-çāēīāāōī āēüēç-ñçā-çēīēāīāçā-çñī ~īēl-ē-çēīēāīāçā-ēīēī āīī ēē-ēēī ēē-ā ēēēāō-iç-āā ēēçē-çē-ēiçēē-ī ~īē-āā-çē-çī ēē-āē-çēāōā-ā-āü-āāēā-ī āü-çāēāü-ēōē-çñēī āü-çēī-āāēç-ī ~īē-ēēī ēāāō-iç-iüfē-çāōā-ā-āü-āāēāk

=

dēçī açī ~īēā dēçī açī ~īē-āē-ī ~īē-āçā-īēç-āēāē-iü-iüfē-ēī ēñ-āē-çñīüfē-ē-ēiü-ī üēīüfē-ēēāçā-īāāō-iüçēī öü-iüfē-ēçāē-çē-āçā-īēç-āā-ī açēēōēçī aç-ēīēf-ā-ē-çē-ēēēēī çāēk

=

fāJēīēf-ā-çāçī w^īfēā-āçā ā çāāō-ī açēēēiççç-iç-ā ē-ā-iüfē-ā çī āi-çñī ~īē-ēēā ~āāāō-āā-ī ~īēāçī ēēē-ñēē-çāī fēēāçāē-çē-çēīēāīāçāē-āç-āçāēāçēāāō-āçī ñçī -çē-çēçī öüī-āçāçāāçāēkqüē-ā-āāīēā-āāē-çñ-ā-āāJēīēf-ā-ñçī -āē-āēāēēē-ēō-iç-ēēēēēī ē-ēēīüēīā-āçāçāāçāēl-ā-āāī-āā-ī ~īē-ēī-āāīō-ēī-āç-ēçēī-ñçē-ñēü-āç-ī āçāāē-ēēçē-ō-iāçā-l-āç-ñçē-ā-ī āō-iāçā-āī ēēēk

=

fāīēā-ēā-qē-āēñēw açēē-iüfē-eae-ēā-ā-ççāfēāāēl-ōēāfē-āō-ēfēāēāī ēç-āā ā-īāçā-āē-iüfē-çāī fēēāçā-çē-?īē-āēñē?çñī ~īē-ñçā = çāē-ī ~īēēüēç-iç-çāñēēāī-ī ~īēēüēçkqüē-āā ā-īāçā-āē-ā-ēēç-çā-iüfē-āçīāçā-iü-ī-ī ~īē-ēāōüīē-ēē-ēēēēī ēç-ñçē-iüfē-ēñāī ēāī ē-ī ēē-çñīüfē-çī āēē-çñā-āç-āā ā ēçā-īfēā-āççēēāāō-ī ~īēāçī ēēē-āç-iü-ī-ēāē-ēā-ā-ēāōüīē-çç-āçī-ī-āü-iç-ā-āç-çī i-ēāçē-çñīüfē-ī ~īēēüēçk

=

j āāāī ā-piēē-ā-çāçī wqüē-ā çī āi-çñī ~īē-āēāēē-ēō-iç-ā-āāī-āā-āāJēīēf-ā-ñçī ēēēī āēēā ēāīēk

=

ōāē-ēā-ā-çāīēāēw āçā ā çā-ā-ī -ççāfēāē-ī üāü-ēēçī açēē-iü-ī-ē-āü-çī āēē-çñā-āç-āççēēāāō-ēī ēñ-āē-ī ~īēāçī ēēē-āō-ī āēī ē-çñīü-ī-çī āēēüāē-ēçēāēēāēē-ēāōüī-iç-iüfē-ēē-ēçā-āāē-ī ēē-çñīüfē-ī ~īē-ē-ā-ñçī ē-āōl-ēī āāēāī-iç-iüfē-ē-ā ē-āōüī-ēçēēēēç-āō-çīüfē-ēāē-ēā-ā-ā-āççī āēē-çā-iüfē-ē-ēīāī ā-ē-ī ~īēāçī ēēēk

=

pīēñāē-t ~īēā ~īē-āçāī-āēç-āā-īī ē-āēī ēñ-āē-ī ~īēāçī ēēēēl-ēī āü-ē-āēēāēl-ēīēf-ā ēl-ā-āēēl-çē-ēāī ēēēl-āç-ēī āāēāī-iç-iüfē-ēāōüīē-çñēāē-ēā-ā-çī āēēēk^ ē-çāēīāāōī āēüēç-ñçā-çāññ ēēç-ī ~īēl-ēī āü-ē-ē-āā-āç-ēī āçññ-ēī ēñ-āē-ī ~īēāçī ēēē-ü-ī ē-ē-ēēāēēīāāē-ñçī l-ā-āāēl-āç-āēçk

=

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EPF= mēçēçēĒÇ-ĀŪ-aŌĒē-iŪ-i-Āā-eāŌŋ-çē-ā ĒaÇ-ĒŋāēiāŌ-ā-i I-eĒŌi ā-iāç-a-çē-Ç-ā āāēiē-iāi Ē=
ā ĒĀŪ-āāē-ā-ā-iŪāē-pi-iĒK

bŋāēiāŌ-ā-i -aÇ-ei-iĒ-Ōçĭ Ēēā Ēāi-eiēi Āi eĒē-eĒ-açĭ-ÇĒēi -iĒ-ç-ā āāā āŌĒ-ĒĀçāçā Ā-āÇ-eçĀā-āÇāēi ēiāçāē=
Çĭ ēāŌ-ēĒēāç-ç-ŋÇēçĭ ŌŪiKj -āŌ-ei-iĒē-iŪ-i-Ē-Āçā ēāēiĒÇ-Çēçĭ ŌŪi-ā-ā-ŌĒē Ēāi-eā-āēi-āÇ-çĭŪĒēē-eĒ-ā-ā-iŪē-eēçĀĒē-ç-ŋ=
ÇĒi ĒāçēāāŌ-ei ŪŪ-eā-āēKqŪĒ= çā ā āiĒē-eĒĀçā ā ĒāÇē-iŪ-i-pçĭ iŪ= -ēçāā-ÇĒi Ēāçē-Çēçĭ ŌŪi-ā-ā-ŌĒē Ēāi-eā-āi-āÇ=
ēi ŌŌĒēiē-āi ā ĒĒē-ç-ŋĒāē Ēāiē-i ŪāŪ-eŪçĭ āÇ-ĒĒ-Āçāi-āāĒÇ-ā-ēi ŪŪ-ēā-āKqŪĒ= çā ā āiĒē-eĒĀçā ā ĒāÇē-iŪ-i-iŪē-t -iĒē=
ŌĒēçĭ ēĀĒē= çā ā āēāçā-i-āĒ-ēēā-ēŌ-eĒēçāēāāāiŌ-ŋçē-Çēçĭ ŌŪi-eĒēçāēĒ-ēā-āāāŌ-aÇ-iŪ-i-iŪē-pi-iĒ-Ēē-Çāi āÇĒē-āiç=
Çēçĭ ŌŪi-ā-ā-ŌĒē Ēāi-Çāēiāiē-çā-iŪē-Ā-ēā-ç-ŋĀāā-iĒē-aÇ-ŌĒēçŌē-eŪŌK

qŪĒ= çā ā āiĒē-ē-ĀçŌāāŌ-āi-ç-ŋŪĒē-ŋ-Āi-iŪ-i-eĒi Ēē-açŋāē-eĒĀçā ā ĒāÇ-iāçāē-i āā-eĒēi āē-ÇÇāiçā-ā-pi-iĒ-ŋi āÇē=
Çĭ ēāŌ-ēĒēāç-ç-ŋĀi ŌŌĒē-ēŌ-Āçāēiē-āāiKēçĭ Ēi Ēēi-iŪē= çā ā āiĒē-ĒĒāēi Ēē-iŪ-i-i -iĒē-ē-ç-i ā-i-āç-iŪē-i ĒāiĀĒēāŌ-ç-ŋŪĒē=
pi-iĒ-iŪ-i-ŋi āÇāŌ-ŋçē-iŪēē-eĒĀçā ā ĒāÇ-iāçāē-eŪçĭ āÇ-ĒĒ-ŪāŪ-ēēāçēāiŌK

^K= qeb= l j j fqqbb-ob` l j j bkap-qe ^q-qeb-pq^qbŋ-ol i b-fk-t ^qbo-obpl r o` bp= b=
ob` l dkfwba-pl -qe^q-t ^qboHk-^ i i-fqp-cl oj pl= b-sfbt ba^p-pr_gb` q-q l =^mr_i f` =
qor pqKq l -qe^q-bkal-qeb= l j j fqqbb-ob` l j j bkap-qe ^q=^ l j mobebkpf s b-pq^qb=
t ^qbo=ml i f` v=_b-bk^` qbaK

i ŌŌāē-iāi Ē-aĒĀ-ē-iāç-a-ç-ŋpi-iĒ-t -iĒē-mçāāŌ=

fi-ā-iŪē-eçāāŌ-ç-ŋŪĒē-pi-iĒ-ç-ŋpçĭ iŪ= -ēçāā-ç-ç-ĒĀçŌāāŌ-āÇ-ÇĒĒā-eĒ-iŪ-i-iŪē-i -iĒē-ç-ŋŪāē-pi-iĒ-ē-ē-eĒĀçĭ ē-aÇ=
āāi-ā-ā-Āāē-ā-i ē-ā-eĒēçĭ ēĀĒē-iŪ-i-iŪē-eĒēçĭ ēĀĒē-āāiĀi ÇĒē-i -iĒē-ā-ā-ē-e-ç-ŋŪĒē-ŪŌçēçāçŌā-ĀŌāāēi-āāiĀi ÇāŌ-Ōēçĭ āÇĭ-ei ēŋ-ĀĒē=
-āÇ-iāçĒā-āÇē-i -iĒē-i ŪĒēŪĒē-eĒēāāā-āçē-āiĒēā āiĒēāiŪ-āÇ-i ŪĒēŪĒē-ŋçĭ āÇ-ā-ēiēē-ā ēi-ā-āēēi-ĀĒē-ŪŪē-ei ēŋ-ĀĒē-ç-ŋŪĒē=
Ōēçĭ āÇĭ-çē-ā-ç-iŪēē-i -iĒē-ĀçÇāēē-i āiŪāā-iŪē-pi-iĒXŪ-iŪē-ŌĒēē-āi Ēāŋ-eĒ-ç-ŋēēēēēāi-aÇ-ei āĀĒēçāŌ-ŌĒēēē-iāçāē-eĒēi āēē-iŪ-i=
iŪē-eĒēçĭ ēĀĒē-ĀĒē-ŪĒēçē-i āāēāi-ç-ē-i āāā-iēi ēi-ç-iŪē-Ēāçē-iŪ-i-i āÇēē-iŪē-eçāāē-āÇ-ei āāā-iēi ēi-ēçĭ ēēē-ç-ŋŪĒē-pi-iĒ-iŪ-iŪ

1. The water within the State be put to the maximum beneficial use to the fullest extent possible;
 2. The waste, unreasonable use, or unreasonable method of use, of waters within the State be avoided and prevented;
- PK qŪĒ-Āçāēēēi -iāçā-aÇ-ā-ā-ŌĒē Ēāi-ç-ŋi -iĒēē-i āiŪāā-iŪē-pi-iĒ-Ēē-ĒŋĒēāiŪ-iĒÇ-i āiŪçĭ i-çĒŌē-Ç-iāçā-ç-ŋŪĒē-eĒēçĭ ēĀĒē-çē=
ēāē-iç-ŪĒē-āiŪē-ŋēiŌŌ-çē-Ēāi āēçāā Ēāi-açĭ -aÇ-ā-iŪē-ŋi iĒēX
- QK The waters within the State be controlled, developed, and used so that withdrawals from a given watercourse, aquifer, lake, or other water body are not significantly harmful to the water resources or ecology of an area;
- RK A well balanced, coordinated, and comprehensive state water resources policy be formulated both for times of normal, as well as drought or water shortage, conditions and that such a policy be implemented and enforced.=

t -iĒē-ā-ē-eĒēçĭ ēĀĒē-Ā-ēā-iç-āĒē-āēēāŋ^ē-ei ŪŪi-i āiŪāā-Āāi āāŌĒÇ-çēçĒēi-ā-eēçēēāŌ-ĀĒēçāŌē-ā-iŪē-ei āāā-Ççā-ā-ā-ē=
ē-ei-ç-ŋŪĒē-ei āāā-iēi ēiKt -iĒē-ā-ē-eĒēçĭ ēĀĒē-i ŪāŪ-ÇĒā-aÇē-eiēi -ēçēŪāē-eçāāēē-i ŪāŪ-açĭ-çāāŌ-āçĭ -āi çĒē-ēē-Ō-ç-ŋ=
Āi ēēēāi-ĀĒēēĀā-āi ēēēi-Āi i-āç-ēçāāēē-i ŪāŪ-eēçĭ āÇē-eĒēçĭ ēĀĒē-eēçĭĒāiāçā-ŋçē-iŪē-ĒāçŌā Ēāi-aÇ-i āēē-i ēē-ç-ŋŋi iĒē=
ŌĒēēē-iāçāēKqŪĒ= çā ā āiĒē-Ōēēēē-iŪ-i-Ōçĭ Ēēāā Ēāi-iŪ-e-iŪē-eĒēçāēāāiŌ-iŪē-eēēçŌ-iāi Ēi-aÇ-iŪē-i iŪçēāiŌ-iç-ā-ā-ŌĒē=
i -iĒē-eĒēçĭ ēĀĒē-ā-āē-ŋçĭ Āā-ēŌ-Ā-ē-ĀāiŌ-aÇ-iç-eēçĭĒāi-āē-āiĒēēēi-ā-i -iĒē-āiāŌ-iāçāK

qŪĒ= çā ā āiĒē-āç-Ōēēēē-iŪ-i-iŪē-āiĒēēēā-iāçāēŪāē-āÇ-çŌā-ā-āē-ç-ŋi -iĒē-i āiŪāā-iŪē-ŪŌçēçāçŌā-ĀŌāāē-āĒēēēāi-iĒē=
ēçāāēē-āÇ-ā-i ē-i ŪāŪ-eĒĒēŌāāŌ-iŪēēē-āiĒēēēā-iāçāēŪāē-ĀĒēi Ēēā-ei ēŋ-ĀĒē-aÇ-Ōēçĭ āÇĭ -iĒē-ē-i Ēāā-ē-i -iĒē-ei -āiŌ-aÇ=
ēi -āiāiŌKqŪĒēēēēēiŌēçĭ āÇ-aÇ-ei ēŋ-ĀĒē-i -iĒē-eŪçĭ āÇ-ĀÇ-iŪē-ēā-Ō-ā-āā ēçēi-āi-ēi-āā-pi-iĒ-i -iĒē-eçāāŌKt āiŪ-iŪāē-ā-ā-āÇĭ=
iŪē-t -iĒē-i -i = çā ā āiĒē-eĒĀçā ā ĒāÇē-Çēçĭiāçā-ç-ŋŪĒē-i ŌŌāē-iāi Ē-aĒĀ-ē-iāç-a-ç-ŋpi-iĒ-t -iĒē-mçāāŌK

q l =mol qb` q-qeb=mr_i f` =fkqbobpql-qeb-pq^qb j r pq= b_j ^ab=^t ^ob= ci^ ka=ç=
^mmol mof^qblfkqbosbkb=fkI^` qfl kp=^ccb` qfk d=t ^qbo=ofdeqpKql -qefp-bkal-qeb=
` l j j fqqbb-ob` l j j bkap-qe^q=^kl qf` blfkqbosbkl o=pq^qr qb=_b^al mqbaK

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=
=
afp` r ppfl kW
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The Committee recognizes that serious long-term consequences will result from the present inability of the State to monitor, evaluate, and approve projects that divert large quantities of surface-water from the stream of origin. This problem encompasses the inter-watershed transfer of water, particularly from growing municipal and industrial uses, from the rapidly expanding consumptive uses for irrigation by agriculture, and from existing and potential detention of water for hydro-power production.

South Carolina has experienced a steady and dramatic increase in the offstream use of water during the last two decades. Available information indicates that these uses will expand more rapidly in the next ten years. The withdrawal of significant quantities of water from surface water streams, while immediately benefiting the user, presents serious long-term consequences to users downstream and potentially to the value of the resource itself. This is particularly true of diversions that return little or no water to the watercourse from which the water is removed. As the receiving watershed benefits from such diversions, the originating watershed, by virtue of having water removed from it, sustains a loss, although the consequences of such a loss may not be immediately recognized. Large consumptive diversions irrevocably alter the conditions under which water is to be used downstream of the diversion and thereby limit potential uses. As the number of diversions grows more numerous and the quantity of water removed increases, the cumulative impact of the diversions will become more serious.

Although South Carolina is blessed with ample water resources, the adverse impacts of past and present water uses are becoming evident. During the drought of record, in 1954, only a few rivers and streams, such as the Black River, were pumped virtually dry for agricultural irrigation. With the recent growth of irrigation, there are now several watercourses that are dewatered in years of normal rainfall. This trend can be expected to continue.

The interbasin transfer of water--the removal of water from one watershed for use and discharge in another watershed--is rapidly increasing. Some of the largest public water supply systems in South Carolina, those of Charleston, Columbia, Greenville, Georgetown, and Beaufort, presently transfer, or have projects under construction to transfer, water from outlying basins to serve the needs of their basins. Industrial consumption of water is also expected to substantially increase.

Under present law, diversions are accomplished with little or no State review and are limited only by the economic considerations of the diverter and the application of uncertain common law doctrines of riparian rights. The riparian doctrine provides a remedy for individual riparian owners who are injured by an unreasonable diversion of water. The doctrine does not provide an adequate method to control the cumulative effects of many diversions or the effect of any single diversion on the public interest. For downstream riparians, the doctrine does not operate in a way to permit the review of diversions before they occur. Even after a diversion the doctrine places a heavy burden on downstream riparians to demonstrate an actual injury has occurred. The doctrine is unsatisfactory not only to downstream riparians but also to diverters as well. In the case of interbasin transfers of water, the riparian doctrine is susceptible to the interpretation that such transfers are prohibited under any circumstance, regardless of the benefit or injury they might produce.

The Committee recognizes the lack of statutory law permitting the State to review large and/or interbasin diversions and the consequences that are certain to arise in this unplanned and uncontrolled use of water. Therefore, the Committee recommends an outline for future legislation on the subject. The legislation should establish a method by which a state agency or agencies review large diversions and approve or disapprove their construction based on a long-range evaluation of the benefits and detriments of a proposal and its impact on the public interest. The Committee recognizes that legislation of this nature is technically complex, and therefore recommends that the Governor designate an agency to coordinate and promulgate specific definitions and criteria to establish which potential diversions would be subject to regulation and the standards by which they are to be evaluated. The Committee intends that only diversions which present significant impact to the water resources be regulated.

The Committee concludes that both proposed and existing diversions should be subject to review. However, the Committee left unresolved the question as to how, and to what extent, existing diversions should be regulated.

- D. A MINIMUM AMOUNT OF WATER SHOULD BE MAINTAINED TO SUPPORT IN-STREAM NEEDS IN RIVERS, STREAMS AND LAKES. THE STATE SHOULD, GIVING DUE CONSIDERATION TO EXISTING USES, DETERMINE IN-STREAM FLOW NEEDS AND CONSIDER THOSE NEEDS IN REVIEWING PRESENT AND FUTURE DEVELOPMENT.

The Committee makes the following specific recommendations:

NK qÜ-i-iÜÉ-pí-iÉ-Ççéi-éçääÓ-eÉÇÖääääÜ-iÜÉ-aÉÉÇ-iç-ã-ãai-ã-ãääã ì ã-
éiÉ-ã-Ñçì ÈX

OK qÜ-i-i-ã-ÖÉaÁóI-çé-ÖÉaÁaÉi-ÁÉ-ÇaÉÁiÉÇ-iç-ÇÉiÉã äáÉ-iÜÉ-éééçéá-iÉ-
ééçÁÉÇì éÉ-Ñçé-iÜÉ-Éi-ÁæÜã Éai-ÇÑãJéiÉ-ã-Ñçì -éÉi äÉã ÉaiÉX

PK qÜ-i-iÜÉ-pí-iÉ-ÖÉaÁaÉ-ÁÉ-ÇaÉÁiÉÇ-iç-ÇaéaÇÉ-iÜÉ-ã-ãaiÉa-aÁÉ-çÑ-
ãääã ì ã-éiÉ-ã-Ñçì è-i aÇÉ-iÜÉ-ÉnãíááÖ-i iÜçéáíó-i áíá-Çã ééÉÜÉaéã É-
ääJéiÉ-ã-Ñçì -aÉÖã-iáçá-ã-ã-ÁÉ-ÇÉi ÉaÇéÉÇ-aÇ-ã éáÉã ÉaiÉÇX

QK That legislation to provide for the establishment and maintenance of
in-stream flows be developed and implemented in a timely manner;=

RK qÜ-i-i-ãÑ ì éÉ-ÁçáéiÉ Áíáçá-ÑÉÁíááÜ-iÜÉ-Ñçì -çÑ-éiÉ-ã-çé-éã Éé-ÁÉ-
ÇÉááÉÇ-iç-ÁÁçã ã çÇ-iÉ-ãääã ì ã-ääJéiÉ-ã-Ñçì -aÉÉÇÈK

DISCUSSION:

The term "minimum in-stream flow" identifies the flow regime that will maintain all uses of water within the channel, including fish and wildlife populations, recreation, aesthetics, water quality, hydropower generation, navigation, and ecosystem maintenance (to include maintenance of freshwater inflow, riparian vegetation, and flood plain wetlands.)

As greater demands are placed on our water resources to meet various off-stream uses such as industrial, agricultural and domestic water supply, the need for protection of in-stream uses of water also increases. As competition between in-stream and off-stream uses intensifies, each water user within a river basin may see only its own narrow interest and the public interest in protecting the integrity of the basin itself may be overlooked. The public interest lies in the entire basin and the public goal should be to support the greatest multiple use that each basin can support.

qÜÉ= çã ä áíÉÉ-éÉÇÖääÉ-iÜ-i-iÜÉ-Éi-ÁæÜã Éai-ÇÑãJéiÉ-ã-Ñçì -éÉi äÉã ÉaiÉ-ã-ó-açí-ÁÉ-ÁÉaÉÑÁ-á-ã-iÜÉ-éÜçéi-
èi aI-ç-É-ÁÜ-i -iÉ-i éÉkfa-iÜÉ-çááÖ-èi aI-Üçì Èi ÉéI-iÜÉ-pí-iÉ-Éi-ÁæÜã Éai-i-aÇ-ééçíÉÁíáçá-çÑ-ãääã ì ã-éiÉ-ã-Ñçì -i-ã-
Áçã éáÉã Éai-i-aÇ-ÉaÜ-aÁÉ-iÜÉ-aÉé-éiã Éai-çÑ-é-áÜ-i-aÇ-báí äéçáã Éai-ã-çáíéçá-ã-ã-ãai-ãääÖ-i -iÉ-èi-ãáíóI-iÜÉ-t-ãÇãÑÉ-i-aÇ-
j -éáÉ-óÉçì éÁÉ-ã-Éé-éiã Éai-ã-ééçíÉÁíááÖ-ÑéÜ-i-aÇ-i-ãÇãÑÉ-Ü-Áá-iI-i-aÇ-iÜÉ-a-Éé-éiã Éai-çÑ-m-éáÉI-óÉÁéÉ-iáçá-i-aÇ-qçì éáã-
ää-ã-ãai-ãääÖ-ÜáÜÜ-éÉÁéÉ-iáçá-ã-i-ãí-É-çÑ-iÜÉ-pí-iÉ-èi -iÉk

bK qeb-pq^qbD-cr ka^j bkq^i mol _i bj t fqe-obd^oa=ql -dol r kat ^qbo=fp=i ^`h= c=
fkcl oj ^qfl kKqebobcl obI=qeb= l j j fqqbb-ob`l j j bkap-qe^q^j l ob=`l j mobebkpfbs=
bccl oq=_b-r kaboq^hbK=ql =fksbpqfd^qbl=fksbkql ovI=p^j mi bI^ka j ^m=pl r qe= ^ol i fk^D=
dol r kat ^qbo=obpl r o`bpK

qÜÉ= çã ä áíÉÉ-éÉÁaÁá-ãá-éÉÇã ã ÉaÇé-iÜ-i-Áçã ééÉÜÉaéã É-ãÑçéã -iáçá-Áçì i=
Óèçì áÇì -iÉ-ÁÉ-çÁí-ãÉÇ-pí-iÉi áÇÈK

afp`r ppfl kW

déçì áÇì -iÉ-ã-ééÉÁçì é-Ü-ÇÇÉa-éÉçì éÁÉI-iÜÉ-ÉnãíÉaÁÉ-i-aÇ-ÉniÉai-çÑ-i ÜáÜ-Á-ã-ÁÉ-ÇÉiÉã äáÉÇ-çääó-Áó-éÉé-éÁÜ-i-aÇ-
Énéáçé-iáçáK^ã-ÉéÉ-çáÉJiÜáÇ-çÑ-pçì iÜ-`-éçãã-Ñ-Áçì áíáÉ-Ü-i-É-iÜÉ-ãääã ì ã-ãÑçéã -iáçá-iç-Éa-ÁáÉ-éééçéá-iÉ-
ã-ã-ÖÉã Éai-çÑ-Óèçì áÇì -iÉI-i-aÇ-çÑÉa-iÜÉ-ãÑçéã -iáçá-iÜ-i-ÇÇÉ-Énãí-ã-çí-Áçã éáÉÉ-çé-i-ãÑçéã K

G. SOUND WATER MANAGEMENT REQUIRES PLANNING A RESPONSE TO DROUGHT. MANY STATES HAVE PREPARED A DROUGHT RESPONSE PLAN TO ALLEVIATE ECONOMIC, AGRICULTURAL, AND SOCIAL HARDSHIP CAUSED BY DROUGHT. NO SUCH PLAN EXISTS IN SOUTH CAROLINA. THEREFORE, THE COMMITTEE RECOMMENDS THAT A DETAILED DROUGHT RESPONSE PLAN BE DEVELOPED.

-qÜÉ= ` çã ä äriÉÉ=ééÉÁáÁÁ-äö-eÉÁÇã ä ÉaÇë-iÜ-iW

=

NK qÜÉ=pcü iÜ= ` ~êçää~t ~iÉ=öÉèçì éÁÉè= ` çã ä äééäçã-eÉèi É=è-iÜÉ=ÁçççÇää~iääÖ= ~ÖÉäÁó-Ñç-Çèçì ÖÜi-éä-äaaaÖ-i äÜ-iÜÉ-eÉéççäéäÁääó-Ñç-ééÉé-éääÖ=>-ÇÉi-äÉÇ= Çèçì ÖÜi-éÉéççäÉ-éä-X

=

OK qÜÉ=Çèçì ÖÜi-éä-ä-eÉéççäÇ-iç-i ~iÉ-eÜçèi-ÖÉè-Ñèèi-iÜèçì ÖÜ-ÁçççÇää-iäçã->äÇ= î çã äi-éó-ééçÖè-ä êKÑ-iÜÉèÉ-ÉÑçèiè-Ñ-äi-Üçì Éi Éèi-iÜÉ-pi-iÉ-eÜçì äÇ-Ü-i É-iÜÉ= éçì Éè-iç->äçÄ-iÉ-èi èÑ-ÁÉ->äÇ-Öèçì äÇi ~iÉ-Çi éääÖ=>-Çèçì ÖÜi-Éä ÉéÖÉäÁóX

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PK qÜÉ-éä-ä-Ü-i É=>èi-ii íçèó-Ä-èä-íç-Éäèi èÉ-äiÉè-ÖÉäÁó-ÁçççÇää-iäçã->äÇ= ~ÇÉèi ~iÉ-ÉäÑçéÁÉä ÉäiK

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DISCUSSION:

Drought is an inescapable act of nature. Nevertheless, even the effects of a severe drought can be substantially mitigated with thoughtful, comprehensive planning. Such planning, however, does not exist within the State at present. The Committee met with Brigadier General George R. Wise from the Emergency Preparedness Division of the Adjutant General's Office. Although the Division is prepared to help in a drought situation it can only respond to a localized emergency. Similarly, the Governor's Office currently has little authority to handle a prolonged drought. A 1981 Attorney General's Opinion, Appendix C to this report, suggests that the Governor is authorized to regulate water use and consumption for no more than 15 days. This is inadequate in many situations. The Committee also found that the South Carolina Department of Agriculture, the Department of Health and Environmental Control, Clemson University, the State Climatologist, and others, have all given thought to the question of drought, but a coordinated approach to the issue is lacking.

The consequence of even a moderate drought are far-ranging; questions are raised concerning not only domestic and municipal uses of water but also agricultural, industrial, fish and wildlife, and recreational uses. The ä-Äâ-çÑ-Äçã ééÉÜÉäèäi É= éä-äi-iÜÉ-ää äÉÇ-eÄçéÉ-çÑ-iÜÉ-clçì ÉéäçèÑ-Éä ÉéÖÉäÁó-éçì Éèèi-iÜÉ-i äÇÉ-è-äöääÖ-ÄçäèÉèi ÉäÁÉè->äÇ-ÉÑÉÁiè-çÑ-Çèçì ÖÜiI->äè- èi ÖÖÉèi-iÜ-i->-Äçã ééÉÜÉäèäi É-Çèçì ÖÜi-éä-ä-ÄÉ-ééÉé-éÉÇ-Áó-iÜÉ-t ~iÉ=öÉèçì éÁÉè= ` çã ä äééäçã-i äÜ-iÜÉ=>Äiä É-äai çã Éä Éäi-çÑ- çìÜÉè-pi-iÉ->-ÖÉäÄäéèkqÜÉ-ÇÉi-äè-çÑ-èi ÄÜ->-éä-ä-ä i èi-ÄÉ-äÉÑ-iç-iÉÄÜääÄ-ä-ÉneÉèièi-Äi i-äa-èi äÉi ääÖ->-äi ä-ÄÉè-çÑ-Çèçì ÖÜi-éä-äè-Ñçã-çìÜÉè-èi-iÉèi-iÜÉ= ` çã ä äriÉÉ-Ü-e-ÇÉi ÉäçéÉÇ-ééÉÁáÁÁ-ééçéçè-äè-i ÜäÜ->èÉ-ääÄäi ÇÉÇ-äa-^ ééÉäÇän-aK

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CONCLUSION

The Committee, representing a wide variety of water interests and users, is unanimous in making the specific recommendations in this report. The Committee believes these recommendations provide a sound blueprint to handle current and future problems. Action is needed in 1983 to implement the Committee's recommendations. All the members of the State Water Law Review Committee stand ready to assist in whatever ways are deemed appropriate to achieve that end.

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- (1) The adequacy of existing law and state government administrative mechanisms to minimize economic and social disruptions during a period of drought; and
- (2) The adequacy of existing law and state government administrative mechanisms to manage and resolve conflicts among water users in periods of normal water supply as well as drought.

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One representative of the South Carolina Department of Health and Environmental Control, Environmental Quality Control Division, to be appointed by the Commissioner;

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Other expenses may be incurred in so far as they directly relate to the accomplishment of the tasks assigned by this Order.

Expenses of the Committee shall be approved by the Chairman prior to payment.

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The Commission shall promulgate regulations to implement this Act, including regulations for an individual capacity use area, in a accordance with Act No. 176 of 1977, as amended.

4. § 49-5-60. Permit required for use of groundwater. Amend sub-section (a) as follows:

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(c) In all cases in which sufficient evidence of a nonconsumptive use is not presented the Commission shall notify each person required by this chapter to secure a permit for a well located within one mile of the well for which an application has been made (if no such well exists within one mile, the Commission shall notify the five nearest well owners required by this chapter to secure a permit), of the Commission's proposed action concerning such permit, and shall transmit with such notice a copy of any permit it proposed to issue to such persons, which permit will become final unless a request for a hearing is made within fifteen. days from the date of service of such notice.

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TO: The Governor
FROM: John P. Wilson
Senior Assistant Attorney General

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Yes. The Governor, as the elected Chief Executive of the State, has long been provided with extraordinary powers to preserve the public peace, safety, security and welfare of the State. See §§1-3-410 to 1-3-460, Code of Laws of South Carolina (1976) relating to violence and public disorder; §§25-1-1840 to 25-1-1860, Code of Laws of South Carolina (1976) relating to ordering out the National Guard; and §25-1-1370, Code of Laws of South Carolina (1976) authorizing control and possession of utilities when the public safety may require it.

Additionally, "emergency powers" have been repeatedly granted to the Governor in the various legislative enactments ÇÉ-áááŌ-í áíÜ-Ááí ááÇÉNEáéí-Çáé-éíÉé-Áçáíçáçá->áÇ-Éá ÉeŌÉaÁó-ééÉé-éÉÇáÉééKpÉÉ-^ Áí-k-çKNŌUI-NVTP-^ Áíé->áÇí-gçáíí-NN=ŌÉéçáí íáçáéX-^ Áí-k-çKNPUI-NVTT-^ Áíé->áÇ-gçáíí-ŌÉéçáí íáçáéX->áÇ-^ Áí-k-çKNVVI-NVTV-^ Áíé->áÇ-gçáíí-ŌÉéçáí íáçáéí-m-éí-ffl-pÉÁíáçá-ŌNK-qÜÉ-ééçí áçáçáé-çÑ-^ Áí-k-çKNVVI-éí éé-I-éÉ-áçí-Áçáí-ááÉÇ->í-ORJNJQOMç-ORJNJQRM= çÇÉ-çÑí ~í é=çÑ-pçí íÜ= ~éçáá-ENVTSH->é-á ÉaÇÉÇK

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Ñçé-íÜÉ-é-NEíŌí-eÉÁí éáíó->áÇ-í ÉáÑ-éÉ-çÑíÜÉ-pí-íÉ->áÇ-éÜ-á-ÁÉ-Éá éçí ÉeÉÇ-í áíÜ=
íÜÉ-Ñçáçí ááŌ->ÇÇáíçá-á-í íÜçéáíŌ-íç->ÇÉéí ~íÉáó-ÇáçÁÜ-éŌÉ-íÜáé-éÉéçáéáÁááíŌW
ENF= feéí É-Éá ÉeŌÉaÁó-ééçÁá-á-íáçáé->áÇ-éŌí á-íáçáé->áÇ->á ÉaÇ-çé-éÉéÁááÇ=
íÜÉá Kpí ÁÜ-ééçÁá-á-íáçáé->áÇ-éŌí á-íáçáé-éÜ-áá-Ü-í É-íÜÉ-ÑçéÁÉ->áÇ-ÉNEÁí-çÑá-í ~é-áçáŌ->é=
íÜÉ-Éá ÉeŌÉaÁó-ÉnáíéK
BF= a ÉÁá-éÉ->éí-íÉ-çÑÉá ÉeŌÉaÁó-Ñçé->áçé-é-éí-çÑíÜÉ-pí-íÉ-áÑÜÉ-ÑáÇé->=
Çáé-éíÉé-Ü-é-çÁÁí eéÉÇí-çé-íÜ-í-íÜÉ-íÜÉÉ-í-íÜÉéÇÑáé-áá-á ááÉáíí->áÇ-Éníé-çéçáá-éó-á É-éí eÉé-
~éÉ-ÇÉÉá ÉÇ-aÉÁÉéé-éó-íç-ÁçéÉ-í áíÜ-íÜÉ-ÉnáíéááŌ-çé->áíááé-íÉÇ-éáíí-íáçáK-^ ÇÉÁá-éÉÇ-éí-íÉ-çÑ-
Éá ÉeŌÉaÁó-éÜ-á-áçí-Áçáíáíí É-Ñçé->éÉéáçç-çÑ-á çéÉ-íÜ-á-áÑÉÉá-Ç-óé-í áíÜçí í-íÜÉ-ÁçáéÉáí-çÑ-
íÜÉ-clÉaÉé-á-^ ééÉá ÁáóK
EPF= pí eÉÉáÇ-ééçí áçáçáé-çÑ-ÉnáíéááŌ-éŌí á-íáçáé-ééÉé-áááŌ-ééçÁÉÇí eÉé-Ñçé=
ÁçáÇí Áí-çÑéí-íÉ-Áí éááÉéé-áÑéíéáí-Áçá éáá-áÁÉ-í áíÜ-íÜÉ-ééçí áçáçáé-íÜÉéÇÑí çí áÇ-áá->áó-í ~ó=
ééÉí Éáíí-ÜááÇÉé-çé-ÇÉá-ó-aÉÁÉéé-éó-Áíáçá-áá-ÁçéááŌ-í áíÜ-íÜÉ-Éá ÉeŌÉaÁóK

EQE r iááóÉ→ä→î→ä→ÄäE-eÉëçì eÄEë-çÑëi-íE-Öçî Éëã Éái→ë-eÉ-ëçà-Äáó= aÉÄEëë-éó-ç-ÄçÉÉ→ áÜ=íÜE-Éä ÉëÖÉÄÁóK

(5) Transfer the direction, personnel or functions of state departments, agencies and commissions, or units thereof, for purposes of facilitating or performing emergency services as necessary or desirable

“Emergency” is defined in that Act to mean actual or threatened enemy attack, sabotage, conflagration, flood, storm, epidemic, earthquake, riot or other public calamity. →-ORJNJQPM“ ~ä→áóòÜ-ë=ÄÉÉa-ÇÉÑaÉÇ= ~ë“~ëi-íE-çÑÉñíEÉä É-ÇáíEÉë-çë→ä→Ñçéiñ aÉl-ééççì ÁÉÇ-Áó-ëçā É→Çì ÉëÉ-ÄaÉì ä éi-ÄÉ-çë-Éi ÉáiX→ä äÉÉë-ÄÄÖ= ä-ÄaÜë-í-í = çáÁíáçá-éóI-Q^ü-bÇKqÜäE- NÄÄÉ-Ü-ë-ééÉí áçì éäó→Çì äÉÇ-íÜ-í-éÉí ÉëÉ-çä-ëÜçéi-ÖÉë→äÇ→ä-éÖÉ-éÄ-äÉ-äáíÉëéí éíáçäë-äá-ä-ñ é-äÖ-ë= éi ééäÉë-í çì äÇ-Äçáéíáñ íÉ-éi ÁääÄ-ä-ä äáÉë-í ~éë-áíááÖ-ÉñÉÄäÉ-çÑíÜE-dçì ÉëäçÉÉ-Éä ÉëÖÉÄÁó-éçì Éëë→äÇÉë-Ñçéä Éë= äÉÖäë-íáçáKpÉÉ-NVTP-I éK^ííÜb-dÉäK-kçKPSQTXNVTR-I éK^ííÜb-dÉäM-kçKQNNQK` äÉ-éäóI-éÉí ÉëÉ-í ~íÉë-ëÜçéi-ÖÉí-éÉéí äááÖ= Nççä-ÉñíEÉä É-Çéçì ÖÜí-çë-çíÜÉÉ-ÄçáÇáíáçäéí-Äçì äÇ-éçÉÉ-N-éÖéÉ-íÉë-Ç-áÖÉë-íç-íÜE-ÜE-äÜí-ë-Ñéíó→äÇ-í ÉäN-éÉçÑíÜE-éÉçéäÉ→äÇ= íÜE-ÉÄçáçā ÄÄ-í ÉäÄÉäáÖ-çÑíÜE-pí-íÉK

fi-äë=Üí é=íÜE-çéäääçá-çÑíÜäE-I NÄÄÉ-íÜ-í-íÜE-ÉñäéíÉÄÉ-çë-íÜE-í-çÑéÉí ÉëÉ-í ~íÉë-ëÜçéi-ÖÉé-éÉéí äááÖ-Nççä= ÉñíEÉä É-Çéçì ÖÜí-çë-çíÜÉÉ-ÄçáÇáíáçäéí çì äÇ-ÄÉ→éí ÁääÄ-Ä-ä äáó→í íÜçéäááÖ=íÜE-ÇÉÄä-é-íáçá-çÑ-ëi-íE-çÑÉä ÉëÖÉÄÁó-ë-íç= íÜçÉÉ→éÉ-ë-çÑíÜE-pí-íÉ→NÉÄíÉÇ→äÇ=íÜE-ÉñÉÄäÉ-çÑíÜE-Éä ÉëÖÉÄÁó-éçì Éëë→Äçì É-éÉí-ÑçéíÜK

t ÜäÉ=íÜE-dçì Éëäçé-äë-í ÉéíÉÇ-í áÜ-ÇáÉÉíáçá-äá-ÇÉíÉä äáááÖ-í ÜÉä→ä→Äí ~äçé=ÜéÉ-íÉÄÉÇ-í ~íÉë-ëÜçéi-ÖÉ= Ü-ë→íí-äÉÇ=“Éä ÉëÖÉÄÁó-ééçéçíáçäë→äÇ-í Ü-í-í-Äíáçá-äë-éÉéí äÉÇ-íç-ÉNÉÄíäñ Éäó-ÇÉ-ä-í áÜ=íÜE-ë-ä Éí-ä-äë→áíáÁé-íÉÇ-íÜ-í-íÜE= í çì äÇ-í íááóÉ=íÜE→Çì ÄÉl-ëéäéí-ÄÄÉ→äÇ-ÉñéÉéíáÉ-çÑíÜçÉÉ-çÑíÜä-äë→äÇ→ÖÉÄÄäÉ-éÉÖí ä-éäó-äáí çáñ ÉÇ-ä-í ~íÉë-ä-ä-ÖÉä Éái= äáÄá ÇááÖ=íÜE-pçì íÜ= ~éçää→t ~íÉë-óÉéçì eÄÉë= ` çā ä äééäçá→äÇ=íÜE-pçì íÜ= ~éçää→äÉë-éíä Éái-çÑ-éÉ-áÜ→äÇ= báí äéçáä Éái-ä` çáíéçáKpÜçì äÇ=íÜE-dçì Éëäçé-ÇÉíÉä äáÉ-íÜ-í-éÉíéáíáçäë-çá-í éÉ→äÇ-Äçáéí ä éíáçä→éÉ-äÉÄÉë-éó-çë-íÜ-í= ~ääçÄ-íáçá-äë-éÉéí äÉÇ→ä çáÖ-Äçä éÉíááÖ-Ççā ÉéíáÄ-ä í ááÄäé-äÜ-ÖéÄí äí é-ä-äÇ-äáçì éíéä-äí éÉéí-çë-íÜ-í-çíÜÉë-ä É-éí éÉë-äÉÉÇ= ÄÉ-í-äÉí-ÜÉ-Ä-ä-ééçì äÇÉ-Ñçé-éí ÁÜ-Áó-í ~ó-çÑ-ä-Éä ÉëÖÉÄÁó-ééçÄä-ä-íáçá-çë-éÉÖí ä-íáçáKpí ÁÜ-ÇÉÄä-éÉÇ-éí-íE-çÑÉä ÉëÖÉÄÁó→äÇ= Éä ÉëÖÉÄÁó-ä É-éí éÉë-Ä-äáçí-Äçáíááí É-ä çÉÉ-íÜ-ä-äNÉÉÄí-ÉNRE-Ç-óé-í áÜçì í-íÜE-ÄçáéÉái-çÑíÜE-dÉÄÉ-ä` éÉÉä ÁáóK

QUESTION:

2. May the South Carolina Water Resources Commission expand its regulation. of water usage during drought conditions by way of an emergency regulation promulgated under the Administrative Procedures Act, §1-23-130?

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No. Further inquiry has been made as to whether the South Carolina Water Resources Commission would be authorized to expand its regulation of water usage curing emergency conditions by virtue of Section 1-23-130 of the Administrative Procedures Act. That Commission was created by the South Carolina Water Resources Planning and Coordination Act as now contained in §§49-3-10 to 49-3-50, Code of Laws of South Carolina (1976). Its powers and duties as prescribed in §49-3-40 are primarily advisory and informational in nature for the benefit of the Governor and General Assembly.

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çÜ-í-éÉÄíáçá-Ñ éíÜÉë-Ééí-ÄäëÜÉë-íÜE-ééçÄÉÇì éÉë-íç-ÄÉ-Ñçäçì ÉÇ-äá-ÇÉÄä-éäáÖ→äÇ-ÇÉÄäÉ-íááÖ→?Ä-é-Äáíó-í éÉ= ~éÉ-?í ÜäÜ-äáÄä ÇÉ-äáí Ééíáó-íáçáI-éí ÁääÜÉÇ-äçíÄÄÉ→äÇ-éí ÁääÄ-íÜE-éäáÖK äÄÉ→?Ä-é-Äáíó-í éÉ= éÉ-?Ü-ë-ÄÉÉä-ÇÉÄä-éÉÇì-íÜE= ` çā ä äééäçá-ä-ó-íÜÉä-ééçä í äÖ-íÉ-éÉÖí ä-íáçáé-íç→ééäó-ÄçáÄÉéäááÖ=íÜE-í ÉÉ→äÇ-í áÜçÉ-í ~äçÑÖéçì äÇ-í ~íÉë-í áÜäá-éí ÁÜ= ~éÉ-KpÉÄíáçá-QVJRJRMÉéí-ÄäëÜÉë-íÜE-ééçÄÉÇì éÉí-äáÄá ÇááÖ-éí ÁääÜÉÇ-äçíÄÄÉ→äÇ-éí ÁääÄ-íÜE-éäáÖí-í ÜäÜ-ä í éí-ÄÉ-Ñçäçì ÉÇ-äá= ééçä í äÖ-íááÖ-éí ÁÜ-?Ä-é-Äáíó-í éÉ= éÉ-?éÉÖí ä-íáçáéKpÉÄíáçá-QVJRJNMNí éíÜÉë-í íÜçéäóÉë=íÜE= çā ä äééäçá-íç→ççéí→äÇ-ä çÇáVb= éí äÉë→äÇ-éÉÖí ä-íáçáé-íç-äá éáíä Éái=íÜE-^ ÄíKqÜÉ-^ Çā ääéíé-íáñ É-méçÄÉÇì éÉë-^ Äí-É^ Äí-KçKNTSI-NVTT-^ Äíé→äÇ-gçááí= óÉéçáñ íáçáéI-^ éíKFT-ééçì äÇÉÇ-Ñçé-íÜE-ÄéÉ-íáçá-çÑ-í-pí-íE-óÉÖäéíÉë→äÇ= çÇÉ-çÑÖÉÖí ä-íáçáé→äÇ-Ééí-ÄäëÜÉÇ-Ñ éíÜÉë-ééçÄÉÇì éÉë= éÉÖ-éÇááÖ=íÜE-ééçä í äÖ-íáçá-çÑ-ÖÉÄÁó-éÉÖí ä-íáçáéKqÜ-í-äÉÖäë-íáçáI-ë-äçì Äçáí-äáÉÇ-äá→-NJOPJNMHç-NJOPJNSM= çÇÉ-çÑ= í ~í é-çÑ-pçì íÜ= ~éçää→ÉNVTSF=ë→ä ÉäÇÉÇí çì äÇ→ééäó-íç→áó-éÉÖí ä-íáçá-çÑíÜE-pçì íÜ= ~éçää→t ~íÉë-óÉéçì eÄÉë= ` çā ä äééäçá-äçì-ééÉí áçì éäó-ééçä í äÖ-íÉÇ→äÇ-NäÄÉÇ-í áÜ=íÜE-pÉÄÉí-éó-çÑ-pí-íE-çá-g-äí-éó-NI-NVTTK

çÜÉ-^ Çā ääéíé-íáñ É-méçÄÉÇì éÉë-^ Äí-Ü-ë-äçì-Éäá-éÖÉÇ=íÜE→í íÜçéäíó-çÑ-ä→ÖÉÄÁó-íç-éÉÖí ä-íÉI-Äí í-çááó= ééÉéÄéÄÉë→ÇÇáíáçá-ä-ééçÄÉÇì éÉë-Äó-í ÜäÜ-ë-éÉÖí ä-íáçá-ä í éí-ÄÉ-ééçä í äÖ-íÉÇKí äáÉí äÉl-pÉÄíáçá-äJOPJNPMÇÉ-äááÖ-í áÜ= Éä ÉëÖÉÄÁó-éÉÖí ä-íáçáé-éäá éäó→äçì éíÄçé-äçáÄçä éä-äÄÉ-í áÜ=íÜçÉÉ→ÇÇáíáçá-ä-ééçÄÉÇì éÉë-éÉÉK?→áó→ÖÉÄÁó-NäÇé-íÜ-í-ä=

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OK aéçì ÖÜi-çÑEá-çÁÁi eé-e-çÁ-äoÉÇi-e-iÜE-iÜ-e-iÉi aÇE-eÜEáçãÉaçaKbi Éa-áÑÇççì ÖÜi-eÜçì aÇ-çÁÁi e= iÜEçì ÖÜçì i-iÜE-pi-iÉ-iÜE-ÉÑEÁie-i-aÇ-iÜEÉÑçéEi-iÜE-eééçééá-iÉ-eÉeçaeÉi-i-äa-çÑEá-ÇañEe-Ñçã-çáE= eÉÖáçá-iç-açíÜEekqÜEÉÑçéEi-eçì aÇ-eä-äaáö-ä-ó-i Éa-eÉei áE-Çañ aÇááö-iÜE-pi-iÉ-äaíç-eÉi Ée-aÇççì ÖÜi= ä-ä-ÖÉä Éai-ÇáieáÁieK

PK aéçì ÖÜi-eä-äaáö-ä i ei-eÉÁçÖaáöÉ-iÜE-eÉa-iáçaeÜaé-ÁÉii ÉÉa-ei eÑ-ÁE-i-iÉe-aÇ-Öççì aÇi-iÉel-aÇ-i-a= -eééçééá-iÉ-eçááí-Çççì ÖÜi-eä-äaáö-eÉei áEe-eÉaçÇá-ä-çááíçéáö-çÑÖççì aÇi-iÉe-äa-i Éaé-iÜEçì ÖÜçì i-iÜE= pi-iÉK

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SK ^ á-ÉÑEÁiáí É-ä ÉiÜçÇ-iç-eÉeçáÇ-iç-i-iÉe-eÜçei-ÖEe-äKíç-ié-aéÑe-i-iÉe-Ñçã-a-äçÁ-iáçá-i áÜ-ä eáÉ-ei eéááE= iç-açÁ-iáçá-i áÜ-äa-ÇEi-iÉ-ei eéááEekqÜE-eééç-ÁÜ-äe-äaááEÇi-Üçì Éi Éel-iç-eÉ-e-i ÜEÉe-i-iÉe-ié-aéÑe= eóeiÉä-ÉñáieKqÜE= çã äáíEÉ-eÉÁçã ä ÉaÇe-iÜ-i-äaiÉaÇaáEÁiáçáe-ÁÉii ÉÉa-i-iÉe-ei eéáö-eóeiÉä e-Ñç-e-aeÑe= Çi éaaÖ-Éä ÉeÖÉaÁaÉe-ÁE-eñi ÇáÉÇK

TK aéçì ÖÜi-eä-äaáö-eÉei áEe-ÉÇi Á-iááö-aÇ-çÁi-äaáö-iÜE-ÁççéÉe-iáçá-çÑiÜE-ei ÁááKqÜEÉÑçéEi-Çççì ÖÜi-eä-a= eÜçì aÇ-ááÁi ÇE-ä É-äe-iç-ei ÁáááöÉ-aÇ-ÇáeÉä äá-iÉ-äáÑçeä-iáçá-iç-iÜE-ei Ááá-äa-iáá Éáö-N-eÜaçaK

UK ^ ÖeÁi áí e-äÁeçéel-Áó-iÜEáe-i Éeó-a-ií eÉi-eÉ-Áeáíá-äo-ÇEÉaÇÉai-çá-i-iÉe-Çi éaaÖ-ÁEei-äa-eÉaçÇeKa eççì ÖÜi= eä-äaááö-iÜEÉÑçéEi-ä i ei-ä-áE-eéÉÁá-á-ÉÑçei-iç-eÉaÉi É-iÜE-Ái eÇÉae-çÑÇççì ÖÜi-Çi éaaö-ei ÁÜ-eÉaçÇeK

VK aéçì ÖÜi-e-éiáí ä-éäo-eÉi ÉeÉ-Çççì ÖÜi-äe-a-Éä ÉeÖÉaÁó-iÜE-Çççì ÖÜi-eä-a-eÜçì aÇ-eÉÁçÖaáöÉ-iÜE-N-Ái-aÇ= ááÁi ÇE-Áiáçá-Áó-iÜE-clçì Éeáçe-i-eééçééá-iÉ-eçááieK