

**St. Lucie Unit 1
Extended Power Uprate
Licensing Report**

**Attachment 5
Appendix D**

List of Key Acronyms

This coversheet plus 6 pages

LIST OF KEY ACRONYMS

<u>Acronym</u>	<u>Description of Acronym</u>
ADV	atmospheric dump valve
AFAS	auxiliary feedwater actuation system
AFW	auxiliary feedwater
AIF	Atomic Industrial Forum
AISC	American Institute of Steel Construction
ANS	American Nuclear Society
AOO	anticipated operational occurrence
AOR	analysis of record
ART	adjusted reference temperature
ASGPT	asymmetric steam generator pressure trip
ASGT	asymmetric steam generator transient
ASI	axial shape index
AST	alternate source term
BE	best estimate
BLPB	branch line pipe break
BOC	beginning of cycle
B&W	Babcock & Wilcox
CAFTA	computer aided fault tree analysis
CASS	cast austenitic stainless steel
CCW	component cooling water
CEA	control element assembly
CEDM	control element drive mechanism
CEDS	control element drive system
CEOG	Combustion Engineering Owners' Group
CF	chemistry factor
CFC	containment fan cooler
CHF	critical heat flux
CIAS	containment isolation actuation signal
CLB	current licensing basis
CMTRs	certified materials test reports
COLR	Core Operating Limits Report
CPC	core protection calculator
CPU	central processing unit

LIST OF KEY ACRONYMS (Continued)

<u>Acronym</u>	<u>Description of Acronym</u>
CR	control room
CRVS	control room ventilation system
CSAS	containment spray actuation signal
CSB	core support barrel
CSP	core support plate
CST	condensate storage tank
CWD	control wiring drawings
DAFAS	diverse auxiliary feedwater actuation system
DBE	design basis earthquake
DCS	distributed control system
DE	dose equivalent
DEDLS	double ended discharge leg slot
DEGB	double-ended guillotine break
DEH	digital electro hydraulic
DEHLS	double ended hot leg slot
DESLS	double ended suction leg slot
DF	decontamination factor
DNBR	departure from nucleate boiling ratio
DP	differential pressure
DTT	diverse turbine trip
DWt	dead weight
EDG	emergency diesel generator
EFPY	effective full power years
EOB	end of blowdown
EOC	end of cycle
EOL	end of license
EPRI	Electric Power Research Institute
FCM	fuel centerline melt
FEI	fluid-elastic instability
FHB	fuel handling building
FIV	flow induced vibration
FME	foreign material exclusion
F & O	facts & observations

LIST OF KEY ACRONYMS (Continued)

<u>Acronym</u>	<u>Description of Acronym</u>
FPL	Florida Power and Light
FPPR	fire protection program report
FSAR	final safety analysis report
FW	feedwater
GSI	generic safety issue
GWMS	gaseous waste management systems
HELB	high energy line break
HEPA	high-efficiency particulate air
HFP	hot full power
HMP	high mechanical performance
HP	high pressure
HPSI	high pressure safety injection
HRA	human reliability analysis
HTP	high thermal performance
HVAC	heating, ventilation and air conditioning
HX	heat exchanger
HZP	hot zero power
IASCC	irradiation assisted stress corrosion cracking
ICW	intake cooling water
IEEE	Institute of Electrical and Electronic Engineers
IGSCC	intergranular stress corrosion cracking
INEL	Idaho National Engineering Laboratory
INPO	Institute of Nuclear Power Operations
IOMSSV	inadvertent opening of a main steam safety valve
IPB	iso phase bus
IRS	iodine removal system
ISI	inservice inspection
IST	inservice testing
LAR	license amendment request
LBB	leak before break
LBLOCA	large break loss of coolant accident
LCO	limiting condition for operation
LEFM	leading edge flow meter

LIST OF KEY ACRONYMS (Continued)

<u>Acronym</u>	<u>Description of Acronym</u>
LHGR	linear heat generation rate
LHR	linear heat rate
LP	low pressure
LPSI	low pressure safety injection
LR	licensing report
LSS	lower support structure
LST	lowest service temperature
LT	level transmitter
LTOP	low temperature overpressure protection
LWMS	liquid waste management system
LWR	light water reactor
MAAP	modular accident analysis program
MCC	motor control center
MEDP	maximum expected differential pressure
MFIV	main feedwater isolation valve
MFW	main feedwater
MS	main steam
MSIS	main steam isolation signal
MSIV	main steam isolation valve
MSR	moisture separator reheater
MSSV	main steam safety valve
MUR	measurement uncertainty recapture
NOP	normal operation
NI	nuclear instrumentation
NOP	normal operating pressure
NOT	normal operating temperature
OBE	operating basis earthquake
ODCM	Offsite Dose Calculation Manual
OMS	overpressure mitigation system
ONP	off normal operating procedure
ORNL	Oak Ridge National Lab
OTC	once through cooling
PASS	post accident sampling system

LIST OF KEY ACRONYMS (Continued)

<u>Acronym</u>	<u>Description of Acronym</u>
PCT	peak cladding temperature
PCWG	Performance Capability Working Group
P&ID	pipng & instrumentation diagram
PLHGR	planar linear heat generation rate
PMH	probable maximum hurricane
PMP	probable maximum precipitation
PORV	power operated relief valve
PRA	probabilistic risk assessment
PSV	pressurizer safety valves
P-T	pressure-temperature
PTS	pressurized thermal shock
QT	quench tank
RAB	reactor auxiliary building
RAI	request for additional information
RAS	recirculation actuation signal
RCP	reactor coolant pump
RLBLOCA	realistic large break loss of coolant accident
RPV	reactor pressure vessel
RSG	replacement steam generator
RSPT	reed switch position transmitter
RTP	rated thermal power
RV	reactor vessel
RVCH	reactor vessel closure head
RVI	reactor vessel internals
RWT	refueling water tank
SAPP	safety analysis plant parameters
SBCS	steam bypass control system
SBLOCA	small break loss of coolant accident
SBVS	shield building ventilation system
SCC	stress corrosion cracking
SDC	shutdown cooling
SDCHX	shutdown cooling heat exchanger
SER	safety evaluation report

LIST OF KEY ACRONYMS (Continued)

<u>Acronym</u>	<u>Description of Acronym</u>
SGBD	steam generator blowdown system
SGTP	steam generator tube plugging
SI	safety injection
SIAS	safety injection actuation signal
SIT	safety injection tank
SJAE	steam jet air ejector
SRO	senior reactor operation
SRV	safety relief valve
SS	stainless steel
SSA	safe shutdown analysis
TCW	turbine cooling water
TGSCC	transgranular stress corrosion cracking
T-H	thermal-hydraulic
TLAA	time limited aging analysis
TLOFW	total loss of feedwater
TLU	total loop uncertainty
TM/LP	thermal margin/low pressure
TSC	technical support center
TSP	thimble support plate
TWST	treated water storage tank
UAT	unit auxiliary transformer
UFSAR	updated final safety analysis report
UGS	upper guide structure
USE	upper shelf energy
UT	ultrasonic testing
VCT	volume control tank
VHP	variable high power
WGDT	waste gas decay tank