Formula		
precondition	**statement**	**postcondition**
{this.currentFloorID >= 0}	statement	{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> \result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> \result = this.original_stopRequestedAtCurrentFloor()}

Variables
LOCAL boolean result
RETURN boolean ret
PRIVATE int executiveFloor

Composition		
precondition		**postcondition**
{this.currentFloorID >= 0}		{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> \result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> \result = this.original_stopRequestedAtCurrentFloor()}
statement 1	**intermediate condition**	**statement 2**
statement1	{result = FALSE}	statement2

Statement1

precondi...	statement	postcond...
{this.currentFloorID >= 0}	result = false;	{result = FALSE}

Composition		
precondition		**postcondition**
{result = FALSE}		{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> \result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> \result = this.original_stopRequestedAtCurrentFloor()}
statement 1	**intermediate condition**	**statement 2**
statement1	{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> result = this.original_stopRequestedAtCurrentFloor()}	statement2

SelectionStatement1

SelectionStatement IF..FI	
guards	
this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE	this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE
precondition	
{modifiable(\nothing);(result = FALSE) & (this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE)}	{modifiable(\nothing);(result = FALSE) & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE)}
statements	
statement	statement
postcondition	
{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> result = this.original_stopRequestedAtCurrentFloor()}	

RepetitionStatement1

precondition	ReturnStatement	postcondition
{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> result = this.original_stopRequestedAtCurrentFloor()}	result;	{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> \result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> \result = this.original_stopRequestedAtCurrentFloor()}

Statement2

precondition	statement	postcondition
{modifiable(\nothing);(result = FALSE) & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE)}	result = true;	{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> result = this.original_stopRequestedAtC

SkipStatement1

Skip	
precondition	**postcondition**
{modifiable(\nothing);(result = FALSE) & (this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE)}	{(this.isExecutiveFloorCalling() = TRUE & this.isExecutiveFloor(this.currentFloorID) = FALSE) -> result = FALSE & (this.isExecutiveFloorCalling() = FALSE | this.isExecutiveFloor(this.currentFloorID) = TRUE) -> result = this.original_stopRequestedAtCurrentFloor()}