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| --- | --- | --- | --- |
| Use Case ID: |  | | |
| Use Case Name: | Distribute Emergency | | |
| Created By: | Austin Tarango | Last Updated By: |  |
| Date Created: | 3-9-2018 | Date Last Updated: |  |

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| --- | --- |
| Actor: | Call Center Subsystem |
| Description: | Checks the emergency and send information to the correct recipient |
| Preconditions: | For Distribute Emergency to be complete. Compile Status/Public Alert must be executed. |
| Postconditions: | Confirmation that information has been sent. |
| Frequency of Use: | As emergencies are reported |
| Flow of Events: | 1: Emergency information is received by call center  2: Information is analyzed to check if SCDF, Singapore Power, or both need a report.  3: Base on analysis, compile reports (see Alternative Flows)  4: Compile Status  5: Compile Public Alert |
| Alternative Flows: | 3 alt: If SCDF needs - Compile Report  If Singapore Power needs - Compile Gas Report  If both needs - Compile Report and Compile Gas Report |
| Exceptions: |  |
| Includes: |  |
| Special Requirements: | Information is received in a standard/consistent format |
| Assumptions: | There is enough/any information to analyze and report  There is no further verification needed before sending information |
| Notes and Issues: | May be overlap with subsystem 4 in regards to reporting to Prime Minister and Social Media actors |

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| Use Case ID: |  | | |
| Use Case Name: | Compile/Send Gas Report | | |
| Created By: | Austin Tarango | Last Updated By: |  |
| Date Created: | 3-9-2018 | Date Last Updated: |  |

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| --- | --- |
| Actor: | Singapore Power |
| Description: | Generates a report useful to Singapore Power actor |
| Preconditions: | It is necessary to report to SCDF |
| Postconditions: | Confirmation that information has been sent |
| Frequency of Use: | As emergencies are reported with a need to send to Singapore Power |
| Flow of Events: | 1: Access information from call center  2: Reorganize, omit, and format accessed information to be better suited for the Singapore Power  3: Send the revised information to Singapore Power through SMS API |
| Includes: |  |
| Special Requirements: | Information is received in a standard/consistent format |
| Assumptions: | There is enough/any information to analyze and report  SMS would be the communication to Singapore Power |

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| --- | --- | --- | --- |
| Use Case ID: |  | | |
| Use Case Name: | Compile/Send Report | | |
| Created By: | Austin Tarango | Last Updated By: |  |
| Date Created: | 3-9-2018 | Date Last Updated: |  |

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| --- | --- |
| Actor: | SCDF |
| Description: | Generates a report useful to SCDF actor |
| Preconditions: | It is necessary to report to SCDF |
| Postconditions: | Confirmation that information has been sent |
| Frequency of Use: | As emergencies are reported with a need to send to SCFD |
| Flow of Events: | 1: Access information from call center  2: Reorganize, omit, and format accessed information to be better suited for the SCDF  3: Send the revised information to SCDF through SMS API |
| Includes: |  |
| Special Requirements: | Information is received in a standard/consistent format |
| Assumptions: | There is enough/any information to analyze and report  SMS would be the communication to SCDF |

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| --- | --- | --- | --- |
| Use Case ID: |  | | |
| Use Case Name: | Compile/Send Status | | |
| Created By: | Austin Tarango | Last Updated By: |  |
| Date Created: | 3-9-2018 | Date Last Updated: |  |

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| --- | --- |
| Actor: | Prime Minister |
| Description: | Generates a report useful to Prime Minister actor |
| Preconditions: | Always send to Prime Minister |
| Postconditions: | Confirmation that information has been sent |
| Frequency of Use: | As emergencies are reported |
| Flow of Events: | 1: Access information from call center  2: Reorganize, omit, and format accessed information to be better suited for the Prime Minister  3: Send the revised information to Prime Minister through SMS API |
| Includes: |  |
| Special Requirements: | Information is received in a standard/consistent format |
| Assumptions: | There is enough/any information to analyze and report  SMS would be the communication to Prime Minister |

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID: |  | | |
| Use Case Name: | Compile/Send Public Alert | | |
| Created By: | Austin Tarango | Last Updated By: |  |
| Date Created: | 3-9-2018 | Date Last Updated: |  |

|  |  |
| --- | --- |
| Description: | Generates a report useful to Social Media actor |
| Preconditions: | Always send to Social Media |
| Postconditions: | Confirmation that information has been sent |
| Frequency of Use: | As emergencies are reported |
| Flow of Events: | 1: Access information from call center  2: Reorganize, omit, and format accessed information to be better suited for Social Media  3: Send the revised information to Social Media through Social Media API |
| Includes: |  |
| Special Requirements: | Information is received in a standard/consistent format |
| Assumptions: | There is enough/any information to analyze and report |