



Solaris HealthCare Pensacola

Emergency Power Plan

Submitted for Approval 10/31/17

Please note that this is only a conceptual plan of action and still requires in depth field investigation, engineering analysis, detailed engineering construction drawings, AHCA review and approval, local jurisdiction permitting, generator equipment and switchgear ordering, construction/installation and final inspections by local jurisdiction and AHCA.

1. Type of HealthCare Facility

- a. Solaris HealthCare Pensacola is a 180-bed Skilled Nursing Facility. The facility was constructed in two phases. The first 120 bed phase was licensed and opened in 1987. The second 60 bed addition was licensed and opened in 1997.

2. Facility Name

- a. Solaris HealthCare Pensacola

3. Facility Address and Phone Number

- a. 8475 University Parkway
Pensacola, Florida 32514
- b. (850) 474-1252

4. Existing Emergency power

- a. Original 120 bed phase has emergency power supplied by a 100 KW Cummins diesel powered generator which is currently at 25% capacity when under load. Generator has a 250-gallon diesel “belly tank”.
- b. 60 bed addition phase has emergency power supplied by a 60 KW Kohler diesel powered generator which is currently at 19% capacity when under load. Generator has a 250-gallon diesel “belly tank”.
- c. Two 250 gallon above ground fuel tanks are on the facility property.



- d. When in use emergency power provides power to hallway lighting, nurses stations, emergency outlets, emergency lighting in patient rooms and kitchen equipment.

59AER17-1 Nursing Home Emergency Power Plan

(1) Procedures Regarding Emergency Environmental Control for Nursing Homes. Nursing homes shall, within forty-five (45) days of the effective date of this emergency rule, provide in writing, to the Agency for Health Care Administration and to the local emergency management agency for review and approval, a detailed plan which includes the following criteria:

(a) The acquisition of a sufficient generator or sufficient generators to ensure that current licensees of nursing homes will be equipped to ensure ambient temperatures will be maintained at 80 degrees or less for a period of a minimum of ninety-six (96) hours in the event of the loss of electrical power.

(b) The acquisition and safe maintenance of sufficient fuel to ensure that in an emergency situation the generators can function to maintain ambient temperatures at 80 degrees or less for a period of a minimum of ninety-six (96) hours in the event of the loss of electrical power.

(c) The acquisition of services necessary to install, maintain, and test the equipment and its functions to ensure the safe and sufficient operation of the generator system installed in the nursing home

(2) Each nursing home shall, within sixty (60) days of the effective date of this rule, have implemented the plan required under this rule.

(3) If the facility's initial submission of the plan is denied, then the local emergency management agency shall report the denial to the Florida Division of Emergency Management and the facility within forty-eight (48) hours of the date of denial.

(4) Within ten (10) business days of the date of the local county emergency management agency's notice of denial, the facility shall resubmit their plan.

(5) The county shall post all approved facility emergency management plans to their website within ten (10) days of the plan's approval.

(6) Within forty-eight (48) hours of the approval of the plan from the local emergency management agency, the facility shall submit in writing proof of approval to the Agency for Health Care Administration.

(7) The State Fire Marshall shall conduct inspections to ensure compliance with this rule within fifteen (15) days of installation.

(8) Each nursing home facility shall develop and implement written policies and procedures to ensure that the facility can effectively and immediately activate, operate and maintain the generators and alternate fuel required for the operation of the generators.

(9) The Agency for Health Care Administration may revoke the nursing home's license for failure to comply with this rule.

(10) In addition to other remedies provided by law, violation of this rule shall result in a fine or sanction of \$1,000 per day.



(11) The facility shall implement policies and procedures to ensure that the health care facility can effectively and immediately activate and maintain the generators and alternate fuel required for the operation of the generators.

Rulemaking Authority 400.23, 408.819, 408.821(4) FS. Law Implemented 400.23, 408.819, 408.821(4) FS. History – New 9/

Option #1

5. Intended Cool Zones

- a. A-Wing Activities Room
- b. A-Wing Day Room
- c. LTC Main Dining Room
- d. C- Wing Day Room
- e. C- Wing Family Lounge
- f. Classroom
- g. E-Wing Dining Room
- h. E-Wing Secondary Dining Room
- i. D-Wing Dining Room
- j. Therapy Gym

6. Cooling Equipment

- a. Ductless Mini Split Inverter Air Conditioners wired to emergency generator power.

7. Square Footage of Cool Zones

- a. A-Wing Activities Room - 17'.4" x 21'.3" (396 sq. ft.)
- b. A-Wing Day Room - 18'.5" x 30'.11" (589 sq. ft.)
- c. LTC Main Dining Room - 28'.10" x 42'.5" (1247 sq. ft.) & 12' x 24'.4" (300 sq. ft.)
- d. C- Wing Day Room - 23'.7" x 18'.5" (532 sq. ft.)
- e. C- Wing Family Lounge - 14'.7" x 17'.10" (270 sq. ft.)



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- f. Classroom - 36'.10" x 19'.11" (740 sq. ft.)
 - g. E-Wing Dining Room - 25'.10" x 33'.9" (884 sq. ft.)
 - h. E-Wing Secondary Dining Room - 25'.10" x 27'.9" (728 sq. ft.)
 - i. D-Wing Dining Room - 26'.7" x 28'.4" (783 sq. ft.)
 - j. Therapy Gym - 33'.11" x 29'.9" & 45' x 34'.7" (2595 sq. ft.)

8. Total Residents & Staff Per Cool Zone

- a. A-Wing Activities Room – 10 residents – 2 staff
- b. A-Wing Day Room – 10 residents – 2 staff
- c. LTC Main Dining Room – 30 residents – 4 staff
- d. C- Wing Day Room – 10 residents – 2 staff
- e. C- Wing Family Lounge – 8 residents – 2 staff
- f. Classroom – 12 residents – 3 staff
- g. E-Wing Dining Room – 20 residents – 3 staff
- h. E-Wing Secondary Dining Room – 18 residents – 3 staff
- i. D-Wing Dining Room – 12 residents – 3 staff
- j. Therapy Gym – 50 residents – 6 staff

180 Total Beds, All Beds Located on Property

9. Relocation of Residents to Cool Zones

- a. A-Wing Activities Room – Room #'s 100,101,102,103,104,141
- b. A-Wing Day Room – Room #'s 105,106,107,120,121
- c. LTC Main Dining Room – Room #'s 122,123,125,127,140,142,143,144,145, 146,147,149,160,161,162
- d. C- Wing Day Room - Room # 163,164,165,166,167

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- e. C- Wing Family Lounge - Room # 200,201,202,203,241
 - f. Classroom - Room # 204,205,206,207,220,221
 - g. E-Wing Dining Room - Room # 322,323,324,325,326,327,360,361,362,363
 - h. E-Win Secondary Dining Room - Room # 346,347,348,349,350,364,365,366,367
 - i. D-Wing Dining Room - Room # 340,341,342,343,344,345
 - j. Therapy Gym - Room # 222,223,224,226,240,242,243,244,245,246,247,248,260, 261,262,263,264,265,266,267,300,301,302,303,304,305,320,321

10. How 80 degrees or below temperature be maintained

- a. Ductless Mini Split Inverter Air Conditioners of appropriate BTU's will be installed in each cool zone.
- b. All newly installed Air Conditioners will be connected to emergency generator power and cool this designated cool zone.
- c. Additional on-site storage of fuel will be added to ensure a fuel amount needed to supply generators for a period greater than 96 hours
- d. Temperatures will be monitored by designated staff members at set intervals to ensure temperature levels do not exceed 80 degrees.

Option #2

5. Intended Cool Zones

- a. Entire A-Wing unit.
- b. LTC Main Dining
- c. Entire C- Wing unit

6. Cooling Equipment

- a. Existing Patient Room In Wall Air Conditioners
- b. Existing Central A/C Units



7. Square Footage of Cool Zones

- a. Entire A-Wing unit – 14,166 sq feet
- b. LTC Main Dining – 1,547 sq feet
- c. Entire C-Wing Unit – 14,166 sq feet

8. Total Residents & Staff Per Cool Zone

- a. Entire A-Wing unit – 80 residents – 16 staff
- c. LTC Main Dining – 30 residents – 4 staff
- d. Entire C-Wing Unit – 70 residents – 14 staff

180 total Beds, All Beds Located on Property

9. Relocation of Residents to Cool Zones

- a. Entire A-Wing unit – 60 residents in place in their room move Room #'s
300,301,302,303,304,305,320,321,322,323,324,325,326
- b. LTC Main Dining – move Room #'s
340,341,342,343,344,345,346,347,348,349,350, 360,361,362
- c. Entire C-Wing Unit – 60 residents in place in their room move Room #'s
363,364,365,366,367,

10. How 80 degrees or below temperature will be maintained

- a. Existing A/C units will be tied to existing generators. All newly installed Air Conditioners will be connected to emergency generator power and cool this designated cool zone.
- b. Additional on-site storage of fuel will be added to ensure a fuel amount needed to supply generators for a period greater than 96 hours
- c. Temperatures will be monitored by designated staff members at set intervals to ensure temperature levels do not exceed 80 degrees.



Both Options #1 & #2

11. Generator and HVAC Maintenance Schedule

- a. Generators will continue to be maintained on a weekly, monthly and annual schedule in accordance with Life Safety codes. This maintenance will be performed by facility plant operations staff and Cummings Sales and Service, Mobile, AL.
- b. All Ductless Air Conditioners will be maintained monthly by plant operations staff.

12. Pre-Emergency and Post Emergency Re-Fueling Plan

- a. Fuel contract agreement with **Davison Fuel, Inc.**
- b. Fuel quantity is checked monthly and fuel is topped off prior to the start of hurricane season.
- c. **Davison Fuel, Inc.** will provide diesel fuel in the event of an emergency as stated in our letter of agreement.

13. Staff Training on generator Operations

- a. Cummins Sales and Service, Mobile, AL will provide facility plant operations staff will training on generator operations and maintenance.

14. New Staff Education on Emergency Power Plan

- a. New staff are provided emergency preparedness education upon hire.
- b. Existing staff are provided emergency preparedness and disaster training annually.