

HEALTH FACILITIES ADVISORY COMMITTEE (HFAC)
MEETING MINUTES

May 20, 2010, 12:00 P.M. (Eastern Time)

Roll Call: [P – Present; NP – Not Present]

Chairman: Mr. Tommy Bowman - P

Vice-Chairman: CAPT Keith Shortall - P

Members: CAPT Jose Cuzme - NP CAPT Dale Mossefin - P
Mr. James Biasco - P CDR Brian Hroch - P
Mr. Ken Harper - P CDR Mat Martinson - P

Executive Secretary: Mr. Howard Wellspring - P

Alternates: CAPT Michael Weaver and David McMahan

Guests: Mr. Joe Bermes

Quorum Requirement per Technical Handbook Chapter 4-1: "A quorum consists of at least 50 percent of the HFAC voting membership. A person attending as sit-in representative of another member shall not be counted in determining the quorum requirement and cannot vote."

Approval of the previous meeting minutes.

- James motioned to approve the February 18, 2010 Meeting Minutes (Atch 1) as is. Brian seconded motion. **Motion to approve previous meeting minutes passed without objections.**
- James motioned to approve the April 29 Special Meeting Minutes (Atch 2) as is. Brian seconded motion. **Motion to approve previous meeting minutes passed without objections.**

Old Business:

- Results of the HFAC chairperson election. Tommy was re-elected as chairperson for a second 3-year term. Because his first term as chairperson was from Dec 2005 to Dec 2008, his second term begins Dec 2008 and expires on Dec 2011. He re-appointed Howard as Executive Secretary.
- James reported that he still needs to get with Gray Hartz to obtain his guidance on the updating of the technical handbook chapters.
- Jose was not present to report on the status of the consolidation of the sustainability chapters by Lee Robison into Chapter 21-17. However, Joe reported that Lee had distributed a 2d edition and the matter of substance had not changed. Joe felt the consolidation effort was 99.9% complete.

- Joe discussed his proposed edits to Chapter 5 – Sustainability, 2010 A/E Design Guide (Atch 3) to conform with the expected adoption of Technical Handbook Chapter 21-17 Sustainability Guidelines for New Facility Construction.
 - Proposed edits included comments by Suresh Shah and Gordon Delchamp. Mat commented that he liked how Joe framed the sustainability requirements in general rather than focus on specific metrics. Tommy agreed with the policy of a feasibility study.
 - Joe stated that Gordon Delchamp had suggested that in lieu of “7.5%” in paragraph 5.5.6(1) and “30%” in paragraph 5.5.6(2) that “largest capacity” be inserted. This wording would ensure the designer considered all capacities for renewable energy and solar water heating rather than only those that exceeded the specified percentage.
 - Ken motioned to adopt all changes as included in Joe’s revision of Chapter 5 – Sustainability (Atch 3) along with Gordon’s suggestion to substitute wording, “largest capacity” in paragraph 5.5.6. Mat seconded the motion. **Motion passed without objection.**

New Business:

- Michael noted that the Technical Handbook Chapter 4-1 Health Facilities Advisory Committee was approved during the 18 Feb 2010 meeting but has not been posted on the OEHE webpage. Ken asked James to follow-up with Lee as to when this will be posted. James agreed to forward the approved chapter but he was unsure whether he had the approved version. Therefore, James asked Tommy to forward him the approved Chapter 4-1. Tommy agreed.
- Brian asked if the HFAC will consider Technical Handbook Chapter 21-17. Tommy replied by asking Brian if there was something specific that he wanted to discuss.
 - Brian asked at what level was the Sustainability Coordinator position to be created (i.e., Area, HQS, etc.). Joe replied that issue is open-ended but thought for new construction DES would appoint the Sustainability Coordinator. Ken agreed that the department (HHS) has not created a “clear picture” and that this coordinator position is a “place holder” that could be created anywhere.
 - Brian asked if there were any discussions regarding the selection of the type of equipment (i.e., digital imaging vs x-ray film development) to reduce chemical and water consumption. Joe answered that he did not recall such a discussion but agreed with the equipment selection concept. Keith added that IHS usually procures the newer technology but that dental facilities are usually under-funded and are forced to select cheaper and less technologically advanced equipment. Ken stated the selection of equipment is getting into the programmatic side and that was not the role of the engineer.

Action Items:

- Michael will coordinate to post the dates of Tommy's second term as chairperson – Dec 2008 to Dec 2011.
- James will obtain Hartz' guidance on updating the Technical Handbook chapters. After the meeting James raised the issue with Gary and Gary replied he will get back with James by 4 June.
- Tommy will forward the approved Technical Handbook Chapter 4-1 Health Facilities Advisory Committee to James, who will forward it onto Lee Robison for posting on the OEHE webpage. Upon further investigation Lee has the HFAC chapter (received by him 2/18) and finalized it.

Next Meeting: Thursday, August 19, 2010 at 12:00 p.m. (Eastern Time).

Adjournment: Mat motioned to adjourn. Keith seconded motion. **Motion to adjourn passed without objection.**

Attachments:

1. Feb 18, 2010, Meeting Minutes (Approved)
2. Apr 29, 2010 Special Meeting Minutes (Approved)
3. Proposed changes to Chap 5, 2010 A/E Design Guide (Approved)

5 Sustainability

5.4 Sustainable Design Certification

- (1) The A/E shall design the project to obtain LEED certification from the U.S. Green Building Council. Staff quarters projects and projects with an estimated construction cost of less than \$10 million may alternatively obtain a third-party Green Globes certification from the Green Building Initiative when explicitly stated as such in the contract.
- (2) The A/E shall be responsible for the coordination of LEED certification into the design and construction process. This coordination includes project registration, preparation of all documentation necessary to achieve certification, submittal of documentation to the certifying organization, and incorporation of certification requirements into the construction documents.
- (3) LEED ~~Basic~~-Silver certification is required. Higher levels of certification are desirable and encouraged when cost effective to do so. At a minimum, LEED ~~Silver~~-Gold certification shall be used as a target in order to create a buffer to ensure LEED ~~Basic~~-Silver certification is achieved.
- (4) The specific version of LEED rating system to be utilized will be identified in the contract. Specific credits identified in the following paragraphs reference LEED v3 for New Construction (2009). These references shall be modified accordingly should another version be utilized.
- (5) The A/E shall evaluate all LEED credits to determine the feasibility of implementing each credit into the design, and make recommendations regarding which credits to pursue for certification. Evaluation shall include consideration of initial and life cycle cost impacts.
- (6) Specific LEED credits identified in the following paragraphs are considered to be of the highest priority for IHS. Should the A/E have cause not to recommend their implementation, a detailed rationale must be provided for consideration by the Project Officer.

5.5.3 Protect and Conserve Water

- (1) Indoor Water – Design to achieve 20% reduction, relative to the EPAAct 1992 standard (see *LEED WE Prerequisite 1*). Investigate feasibility to earn *LEED WE Credit 3 – Water Use Reduction (30% - 2 points, 35% - 3 points, 40% - 4 points)*.
- (2) Outdoor Water – Design to earn *LEED WE Credit 1 – Water Efficient Landscaping (4 points – 100% Reduction)*.

5.5.6 Renewable Energy

- (1) ~~Evaluate the feasibility of constructing an on-site renewable energy system capable of providing 7.5% of the annual electrical load. The A/E scope of work shall include an available budget for on-site renewable energy systems. Feasibility shall be based upon this available budget and life-cycle costs. Incorporate feasible on-site renewable energy systems into the design. Evaluate the feasibility of implementing LEED EA Credit 2 – On Site Renewable Energy. Implement in design when feasible.~~
- (2) ~~Evaluate the feasibility of constructing a solar hot water heating system capable of delivering 30% of the hot water demand. Feasibility shall be based life-cycle costs. Incorporate feasible solar hot water heating~~

~~systems into the design. As stipulated by EISA 2007, implement Solar Water Heating such that 30% of the hot water demand will be met with solar hot water equipment, provided it is cost effective.~~

- ~~(3) Evaluate the feasibility of implementing onsite renewable energy technologies to supply the facility with renewable energy.~~

5.5.7 Fossil Fuel Reduction

~~Design so that the fossil fuel-generated energy consumption is reduced by 55%, as compared with such energy consumption by a similar building in fiscal year 2003 (as measured by the Commercial Buildings Energy Consumption Survey [CBECS] or, for residential projects, the Residential Energy Consumption Survey data from the Energy Information Agency).~~

7 Concepts Submittal

7.2 Requirements

The A/E shall perform the following:

- ~~(3) An evaluation of the feasibility of constructing an on-site renewable energy system capable of providing 7.5% of the annual electrical load. Provide a written feasibility analysis including recommendations for implementation.~~
- ~~(4) An evaluation of the feasibility of constructing a solar hot water heating system capable of delivering 30% of the hot water demand. Provide a written feasibility analysis including recommendations for implementation.~~