



REVISED 3/24/21

ORANGE COUNTY FIRE AUTHORITY

AGENDA

BOARD OF DIRECTORS REGULAR MEETING

Thursday, March 25, 2021

6:00 P.M.

Regional Fire Operations and Training Center

Board Room

1 Fire Authority Road

Irvine, CA 92602

Link to:

[Board of Directors Member Roster](#)

This Agenda contains a brief general description of each item to be considered. Except as otherwise provided by law, no action or discussion shall be taken on any item not appearing on the following Agenda. Unless legally privileged, all supporting documents, including staff reports, and any writings or documents provided to a majority of the Board of Directors after the posting of this agenda are available for review at the Orange County Fire Authority Regional Fire Operations & Training Center, 1 Fire Authority Road, Irvine, CA 92602 or you may contact the Clerk of the Authority at (714) 573-6040 Monday through Thursday, and every other Friday from 8 a.m. to 5 p.m. and available online at <http://www.ocfa.org>



In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, you should contact the Clerk of the Authority at (714) 573-6040 and identify the need and the requested modification or accommodation. Please notify us as soon as is feasible, however 48 hours prior to the meeting is appreciated to enable the Authority to make reasonable arrangements to assure accessibility to the meeting.

NOTICE REGARDING PUBLIC PARTICIPATION **DURING COVID-19 EMERGENCY**

During the Statewide COVID-19 Emergency, the public is not permitted to convene in person for this public meeting. However, the public may still view and comment on the meeting as follows:

- **To watch the meeting online, please go to website at www.OCFA.org**
- **To submit an e-comment, please email to PublicComments@ocfa.org.**

You may comment on items on the agenda or not on the agenda. Your comments will be forwarded electronically and immediately to the members of the Board. Comments related to a particular agenda item will only be considered prior to the close of public comments on that item.

CALL TO ORDER by Chair Shawver

INVOCATION by OCFA Chaplain Kent Kraning

PLEDGE OF ALLEGIANCE by Director Kuo

ROLL CALL by Clerk of the Authority

REPORTS

A. Report from the Budget and Finance Committee Chair

B. Report from the Fire Chief

- FIRIS Update
- Vaccinating the sheltered homeless

PUBLIC COMMENTS

Please refer to instructions on how to submit a public comment during COVID-19 Emergency on Page 1 of this Agenda.

1. PRESENTATIONS

No Items.

2. CONSENT CALENDAR

All matters on the consent calendar are considered routine and are to be approved with one motion unless a Director or a member of the public requests separate action on a specific item.

A. Minutes from the February 25, 2021, Regular Meeting of the Board of Directors

Submitted by: Maria D. Huizar, Clerk of the Authority

The record will reflect that any Director not in attendance at the meeting of the Minutes will be registered as an abstention, unless otherwise indicated.

Recommended Action:

Approve as submitted.

B. 2021 Committee Member Roster

Submitted by: Robert Cortez, Assistant Chief/Business Services Department and Maria Huizar, Clerk of the Authority

Recommended Action:

Receive and file report.

Revised 3/24/21**C. Ratify Appointments to Executive Committee**

Submitted by: Robert Cortez, Assistant Chief/Business Services Department and Maria Huizar, Clerk of the Authority

Recommended Action:

Confirm the appointments of the Executive Committee and Alternate members, as required in Rule 9(b) of the Board of Directors Rules of Procedure.

D. FY 2020/21 Mid-Year Budget Adjustment

Submitted by: Robert Cortez, Assistant Chief/Business Services Department, Tricia Jakubiak, Treasurer and Stuart Lam, Budget Manager

Budget and Finance Committee reviewed and approved the recommended action at their March 10, 2021, Regular meeting by a 7-0 vote (Directors Bourne and Sachs absent).

Recommended Action:

Authorize the proposed mid-year budget adjustments and transfers as detailed in this report and attachments.

E. Agenda item pulled at the request of staff.**F. Authorization to Prepare a Fire & Emergency Services Proposal for the City of Fullerton**

Submitted by: Lori Zeller, Deputy Chief/Administration & Support Bureau and Kenny Dossey, Deputy Chief/Emergency Operations Bureau

Budget and Finance Committee reviewed and approved the recommended action at their March 10, 2021, Regular meeting by a 7-0 vote (Directors Bourne and Sachs absent).

Recommended Actions:

1. Direct staff to require advance payment from the City of Fullerton in the amount of \$80,207.55 to cover the cost of OCFA staff time to prepare a fire and emergency services proposal.
2. Direct staff, when invoicing the City of Fullerton, to inform the City that should they choose to contract with the OCFA, the \$80,207.55 payment will be applied as a credit towards the City's first month of services with the OCFA.
3. Direct staff to prepare a fire and emergency services proposal for Board consideration for the City of Fullerton upon receipt of the advance payment.
4. Memorialize this advance payment and credit-back process as Board-approved policy for all future requests from local jurisdictions for Fire Service Proposals from OCFA.

G. Drowning Prevention Awareness Proclamation

Submitted by: Colleen Windsor, Director of Communication

Recommended Action:

Approve proclamation designating May and continued through October as Drowning Prevention Awareness.

3. DISCUSSION

A. San Onofre Nuclear Generating Station (SONGS) Community Coalition

Submitted by: Kenny Dossey, Deputy Chief/Emergency Operation Bureau

Recommended Action:

Discuss and provide direction regarding the Orange County Fire Authority's involvement and membership in the San Onofre Nuclear Generating Station (SONGS) Community Coalition.

4. PUBLIC HEARING

No Items.

BOARD MEMBER COMMENTS

CLOSED SESSION

The Brown Act permits legislative bodies to discuss certain matters without members of the public present. The Board of Directors find, based on advice from the General Counsel, that discussion in open session of the following matters will prejudice the position of the authority in existing and/or anticipated litigation:

CS1. CONFERENCE WITH LEGAL COUNSEL - SIGNIFICANT EXPOSURE TO LITIGATION - pursuant to paragraph (2) and (3) of subdivision (d) of Section 54956.9 of the Government Code: Two (2) Cases.

CS2. CONFERENCE WITH LEGAL COUNSEL - PUBLIC EMPLOYEE PERFORMANCE EVALUATION pursuant to Government Code Section 54954.5
Position: Fire Chief

CS3. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION (Paragraph (1) of subdivision (d) of Government Code Section 54956.9)
Name of Claim: Phi Le vs. OCFA,
Case No. ADJ 13837889

CS4. CONFERENCE WITH LEGAL COUNSEL - EXISTING LITIGATION (Paragraph (1) of subdivision (d) of Government Code Section 54956.9)

Name of Claim: Dylan Van Iwaarden vs. OCFA,
Case No. ADJ13838365

CS5. CONFERENCE WITH LEGAL COUNSEL - ANTICIPATED LITIGATION - (Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code Section 54956.9)

Number of potential cases: Two (2), Potential claims related to injuries sustained by firefighters during the Silverado Fire in October 2020.

CLOSED SESSION REPORT

ADJOURNMENT –The next regular meeting of the Orange County Fire Authority Board of Directors is scheduled for Thursday, April 22, 2021, at 6:00 p.m.

AFFIDAVIT OF POSTING

I hereby certify under penalty of perjury and as required by the State of California, Government Code § 54954.2(a), that the foregoing Agenda was posted in the lobby and front gate public display case of the Orange County Fire Authority, Regional Fire Operations and Training Center, 1 Fire Authority Road, Irvine, CA, not less than 72 hours prior to the meeting.

Maria D. Huizar, CMC
Clerk of the Authority

UPCOMING MEETINGS:

Budget and Finance Committee
Executive Committee
Board of Directors

Wednesday, April 14, 2021, 12 noon
Thursday, April 22, 2021, 5:30 p.m.
Thursday, April 22, 2021, 6:00 p.m.

MINUTES ORANGE COUNTY FIRE AUTHORITY

**Board of Directors Regular Meeting
Thursday, February 25, 2021
6:00 P.M.**

**Regional Fire Operations and Training Center Board Room
1 Fire Authority Road
Irvine, CA 92602-0125**

CALL TO ORDER

A regular meeting of the Orange County Fire Authority Board of Directors was called to order on February 25, 2021, at 6:00 p.m. by Chair Shawver.

INVOCATION

Chaplain Robert Benoun offered the invocation.

PLEDGE OF ALLEGIANCE

Director Chun led the Assembly in the Pledge of Allegiance to the Flag.

ROLL CALL

Chair Dave Shawver, Stanton
Lisa Bartlett, County of Orange*
Letitia Clark, Tustin*
Carol Gamble, Rancho Santa Margarita*
Noel Hatch, Laguna Woods* (6:30 p.m.)
Joe Kalmick, Seal Beach
Jessie Lopez, Santa Ana*
Joe Muller, Dana Point*
Sunny Park, Buena Park*
Vince Rossini, Villa Park*
Don Sedgwick, Laguna Hills*
Mark Tettemer, Lake Forest
Donald P. Wagner, County of Orange*

Vice Chair Michele Steggell, La Palma
Troy Bourne, San Juan Capistrano
Ross Chun, Aliso Viejo*
Shelley Hasselbrink, Los Alamitos
Gene Hernandez, Yorba Linda*
Anthony Kuo, Irvine
Frances Marquez, Cypress* (6:03 p.m.)
John R. O'Neill, Garden Grove*
Sandy Rains, Laguna Niguel*
Ed Sachs, Mission Viejo*
Tri Ta, Westminster*
Kathleen Ward, San Clemente* (6:38 p.m.)

Absent: None

Also present were:

Fire Chief Brian Fennessy
Deputy Chief Kenny Dossey
Assistant Chief Robert Cortez
Assistant Chief Jim Ruane
General Counsel David Kendig
Clerk of the Authority Maria Huizar

Deputy Chief Lori Zeller
Assistant Chief Randy Black
Assistant Chief Stephanie Holloman
Assistant Chief Lori Smith
Dir. of Communications Colleen Windsor
Assistant Chief Phil Johnson

**Board of Director Members participating via Teleconferencing*

REPORTS

A. Report from the Budget and Finance Committee Chair (FILE 11.12)

Budget and Finance Committee Chair Joe Muller reported at the February 10, 2021, meeting, the Committee voted unanimously to approve and forward the Second Quarter Financial Newsletter and Monthly Investment Reports to the Executive Committee to receive and file the reports. The Committee voted unanimously to approve and forward the Audited Financial Reports for the Fiscal Year Ended June 30, 2020, and Emergency Medical Services Optimization Study, to the Board of Directors for approval of the recommended actions. Lastly, the Committee held elections for the Chair and Vice Chair positions, electing, Joe Muller as the Chair and Director Ta as Vice Chair, for the ensuing term.

B. Report from the Human Resources Committee Chair (FILE 11.12)

Human Resources Committee Chair Michele Steggell reported at the February 2, 2021, meeting, the Committee received an update from Assistant Chief of Emergency Medical Services, Randy Black, on the OCFA Cancer Awareness & Prevention Month held in January, in cooperation with Local 3631 to fight against firefighter cancer. Assistant Chief of Human Resources Stephanie Holloman provided a 90-Day Report update of strategic goals and objectives underway within the Human Resources department. Assistant Chief Holloman also presented employment law updates that went into effect in 2020/2021 including new Cal/OSHA reporting requirements; the comprehensive Consolidated Appropriations Act signed into law in December 2020; and significant other State legislative actions governing Human Resources processes. Lastly, the Committee held elections for the Chair and Vice Chair positions, electing Director Hernandez as Vice Chair, and Michele Steggell as Chair for the ensuing term.

C. Report from the Fire Chief (FILE 11.14)

Fire Chief Brian Fennessy provided an update and video on OCFA firefighter Dylan Van Iwaarden, who after spending 114 days in the OC Global Burn Unit, was released from the hospital. He was severely injured October 26, 2020, while battling the Silverado Fire. He is transitioning to his next phase of recovery at UC Irvine Hospital. Chief Fennessy thanked all those who provided support and continued well wishes for his recovery. Chief Fennessy also introduced newly appointed Division Chief TJ McGovern. He will be serving as the Division Chief for the Emergency Command Center.

PUBLIC COMMENTS

Chair Shawver opened the Public Comments portion of the meeting. Chair Shawver closed the Public Comments portion of the meeting without any comments from the general public.

1. PRESENTATIONS (FILE 11.09)

Chair Shawver and Fire Chief Fennessy recognized former Board Chair Shelley Hasselbrink for her leadership as Chair in 2020. The Board Members also offered thanks for her service.

2. CONSENT CALENDAR

On motion of Director O'Neill and second by Director Muller, and following a roll call vote, declared passed 22-0 (Directors Marquez, Hatch, and Ward were absent) Agenda Item 2A, with Agenda Items 2B and 2C pulled for separate consideration.

A. Minutes from the January 28, 2021, Regular Meeting of the Board of Directors (FILE 11.06)

Action: Approve as submitted.

B. Audited Financial Reports for the Fiscal Year Ended June 30, 2020 (FILE 15.02B)

Director Bartlett inquired to an overage to the AFG Grant. Assistant Chief Cortez reported there have been two measures implemented to control grant funds expenditures while incorporating the grant manager's review.

On motion by Director Bartlett and second by Director O'Neill, and following a roll call vote, declared passed 24-0 (Director Ward was absent) to receive and approve the report.

C. Very Large Helitanker Program Summary (FILE 18.09E)

Directors Kuo and Bartlett requested a breakdown of the flight hours within and outside county jurisdiction and the breakdown of CAL Fire appropriated funding. Assistant Chief Cortez responded and will provide an itemization of the request.

On motion of Director Kuo and second by Director O'Neill, and following a roll call vote, declared passed 24-0 (Director Sachs was absent) to receive and file the report.

3. DISCUSSION

A. Emergency Medical Services Optimization Study (FILE 17.16)

Fire Chief Fennessy presented the Emergency Medical Services Optimization Study.

A lengthy discussion ensued.

On motion of Director Muller and second by Chair Shawver, and following a roll call vote, declared 25-0 to reject the recommended action in favor of a formal RFP process to solicit proposals for an Emergency Medical Services Optimization Study.

4. PUBLIC HEARING

No Items.

BOARD MEMBER COMMENTS (FILE 11.13)

Director Wagner expressed concerns with solar panel companies having difficulty getting installation approvals in the OCFA jurisdictional area.

Director Rossini stated due to illness was absent for the last meeting and expressed thanks to those who wished him well.

Director Chun reported on a multi-family structural fire in Aliso Viejo, thanking the firefighters for their service (Station 57), who also called in the Red Cross to attend to the displaced families.

CLOSED SESSION (FILE 11.15)

Chair Shawver reported there will be no Closed Session this evening.

ADJOURNMENT –Chair Shawver adjourned the meeting at 7:49 p.m. in memory of all of the First Responders who lost their lives in the last year because of the Coronavirus. The next regular meeting of the Orange County Fire Authority Board of Directors is scheduled for Thursday, March 25, 2021, at 6:00 p.m.

Maria D. Huizar, CMC
Clerk of the Authority



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
March 25, 2021

Agenda Item No. 2B
Consent Calendar

2021 Committee Member Roster

Contact(s) for Further Information

Robert Cortez, Assistant Chief Business Services Department	robertcortez@ocfa.org	714.573.6018
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Maria Huizar, Clerk of the Authority	mariahuizar@ocfa.org	714.573.6041
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Summary

This agenda item is submitted to memorialize the appointments to the committees for the ensuing year.

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Receive and file report.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

Rule 10(b)(1) and 10(c)(1) of the Board of Directors Rules of Procedure, allows the Chair of the Board of Directors to make all appointments to the Budget and Finance, and the Human Resources Committees. Appointments to said committees shall be made in such a manner as to achieve, as close as reasonably possible, a balance between the number of members representing Structural Fire Fund and Cash Contract cities.

The following members have been appointed by Chair Shawver and will serve on the committees for the ensuing year:

Budget and Finance Committee (9 members)

- | | |
|---------------------------------------|--------------------------------------|
| 1. Joe Muller, Dana Point (Chair) | 6. Shelley Hasselbrink, Los Alamitos |
| 2. Tri Ta, Westminster (Vice Chair) * | 7. Ed Sachs, Mission Viejo |
| 3. John O'Neill, Garden Grove * | 8. Troy Bourne, San Juan Capistrano |
| 4. Anthony Kuo, Irvine | 9. Gene Hernandez, Yorba Linda |
| 5. Mark Tettemer, Lake Forest | |

Human Resources Committee (7 members)

1. Michele Steggell, La Palma (Chair)
2. Gene Hernandez, Yorba Linda (Vice Chair)
3. Ross Chun, Aliso Viejo
4. Sandy Rains, Laguna Niguel
5. Noel Hatch, Laguna Woods
6. Ed Sachs, Mission Viejo
7. Joe Kalmick, Seal Beach *

* = Cash Contract City

Attachment(s)

None.



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
March 25, 2021

Agenda Item No. 2C
Consent Calendar

Ratify Appointments to Executive Committee

Contact(s) for Further Information

Robert Cortez, Assistant Chief
Business Services Department

robertcortez@ocfa.org

714.573.6018

Maria Huizar, Clerk of the Authority

mariahuizar@ocfa.org

714.573.6041

Summary

This agenda item is submitted to ratify the Board Chair appointments to the Executive Committee.

Prior Board/Committee Action

Not Applicable.

RECOMMENDED ACTION(S)

Confirm the appointments of the Executive Committee and Alternate members, as required in Rule 9(b) of the Board of Directors Rules of Procedure.

Impact to Cities/County

Not Applicable.

Fiscal Impact

Not Applicable.

Background

The Executive Committee, as defined by Rule 9(b) of the Board of Directors Rules of Procedure, consists of no more than nine (9) members of the Board of Directors. The Executive Committee membership is comprised of the following designated positions:

- the Chair and Vice Chair of the Board of Directors,
- the immediate past Chair of the Board,
- the Chair of the Budget and Finance Committee, and
- up to five at-large members, who must include at least one member of the County Board of Supervisors.

In the selection of at-large members, appointments shall be made in such a manner as to achieve approximately the ratio of cash contract cities to total member agencies of the Authority.

The Chair of the Board makes at-large appointments to the Executive Committee to fill any vacancies, subject to ratification by the Board of Directors. At its January 28, 2021 Board of Directors meeting, the Board elected Director Shawver (Stanton) as Chair and Director Steggell (La Palma) as Vice Chair. The Chair and Vice Chair will fill those respective seats on the Executive Committee.

Also, at its February 10, 2021, meeting, the Budget and Finance Committee elected Director Muller (Dana Point) as its new Chair, replacing Director Hernandez (Yorba Linda). Director Hernandez was previously on the Executive Committee as the Chair of the Budget and Finance Committee and will now fill an At-Large seat.

County of Orange Director Donald P. Wagner will remain on the Executive Committee. Director Wagner will represent the County as its At-Large Member, with Director Bartlett serving as its Alternate.

Therefore, pursuant to Rule 9 of the OCFA Board of Directors Rules of Procedures, and subject to the confirming vote by the Board of Directors, the membership of the Executive Committee as appointed by Chair Shawver is as follow:

Committee Members:

David Shawver, Stanton*	Chair of the Board of Directors
Michele Steggell, La Palma	Vice Chair of the Board of Directors
Shelley Hasselbrink, Los Alamitos	Immediate Past Chair
Joe Muller, Dana Point	Chair of the Budget and Finance Committee
Donald P. Wagner, County Board of Supervisors	At-Large County Member
Noel Hatch, Laguna Woods	At-Large Member
Gene Hernandez, Yorba Linda	At-Large Member
John O'Neill, Garden Grove *	At-Large Member
Leticia Clark, Tustin *	At-Large Member

Alternate Members:

Lisa Bartlett, County Board of Supervisors	County Member
Ross Chun, Aliso Viejo	Structural Fire Fund City
Sandy Rains, Laguna Niguel	Structural Fire Fund City
Carol Gamble, Rancho Santa Margarita	Structural Fire Fund City
Sunny Park, Buena Park *	Cash Contract City
Kathy Ward, San Clemente *	Cash Contract City
Jessie Lopez, Santa Ana *	Cash Contract City

* = Cash Contract City

Attachment(s)

None.



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
March 25, 2021

Agenda Item No. 2D
Consent Calendar

FY 2020/21 Mid-Year Budget Adjustment

Contact(s) for Further Information

Robert Cortez, Assistant Chief Business Services Department	robertcortez@ocfa.org	714.573.6012
Tricia Jakubiak, Treasurer	triciajakubiak@ocfa.org	714.573.6301
Stuart Lam, Budget Manager	stuartlam@ocfa.org	714.573.6302

Summary

This item is submitted to request approval to adjust revenues, expenditures and transfers to reflect changes identified after adoption of the FY 2020/21 budget.

Prior Board/Committee Action

A comprehensive mid-year financial review was presented to the Budget and Finance Committee and the Board of Directors in January, highlighting proposed mid-year changes that are needed to the FY 2020/21 budget based on events that have occurred since the budget was adopted last May. The Board directed staff to return in March with the technical budget adjustments required to implement the proposed changes.

Budget and Finance Committee reviewed and approved recommendation at their March 10, 2021, Regular meeting by a 7-0 vote (Directors Bourne and Sachs absent).

RECOMMENDED ACTION(S)

Authorize the proposed mid-year budget adjustments and transfers as detailed in this report and attachments.

Impact to Cities/County

The proposed mid-year adjustments to the FY 2020/21 budget will have no impact to cash contract city charges in the current FY. Future increases for cash contract cities are currently estimated at 4.5% for FY 2021/22 and 1.7% for FY 2022/23 based on the Five-Year Financial Forecast.

Fiscal Impact

Financial impact is detailed in the report.

Background

This report is submitted to request approval of the technical budget adjustments following the January mid-year financial review. The following is a summary of the significant changes being requested (See Attachment 1 for the total proposed adjustment for each Fund).

The following are estimated changes to the budget that are needed since the adoption of the FY 2020/21 budget in May 2020. Overall, the proposed changes in the General Fund result in an estimated total revenue increase of approximately \$19.8 million and an estimated total expenditure increase of \$29.7 million. Approximately \$23.5 million of the expenditure increases are related to emergency incidents that are offset by corresponding revenue increases or are items that are cost neutral through use of dedicated fund balance.

FY 2020/21 Revenue Adjustments - \$19.8 million

Property Taxes: Based on secured tax billings provided by the Auditor/Controller, preliminary projections indicate an approximate \$2.3 million increase over budget. **\$2,319,540**

Assistance by Hire (ABH)/Emergency Incident: ABH is the term used when OCFA responds to requests for assistance to incidents outside our area of responsibility, on a reimbursement basis. Current year activity is \$20.0 million greater than budget due to various in-county and out-of-county responses, upstaffing for surge capacity, and responding to the COVID-19 pandemic. Staff will be monitoring this source of revenue for additional reimbursements. An expenditure adjustment is also proposed to the overtime/backfill category to cover the costs associated with providing the ABH services. **\$19,988,597**

Grant/Other Reimbursements: This category represents reimbursements for Grants or other programs where expenditures are reimbursed once incurred. This adjustment is for supplemental funding for the 2019 US&R Grant and funding for the UASI Tactical Medicine Training Grant. **\$26,464**

Charges for Services: This category of revenue adjustments includes planning & development fees, inspection fees, and false alarm fees. The decrease of \$2.4 million in charges is due to lower revenue tied to non-mandatory inspections and decreased development activity related to restaurants and entertainment venues. **(\$2,405,423)**

Miscellaneous: This category of revenue adjustments includes the following: updates to RDA pass-through revenue, cash contract city maintenance charges, donations, miscellaneous revenue, insurance settlements, mutual aid response charges, and interest earnings. **(\$102,639)**

FY 2020/21 Expenditure Adjustments - \$29.7 million

Assistance by Hire/Emergency Incident Costs: As mentioned under Revenue for ABH, an adjustment is needed for out-of-county responses, primarily in the overtime/backfill category, but also for response-related supplies. This category also comprises the expenditures for upstaffing for surge capacity, the helitanker program, incident management team, and COVID-19 expenditures. Staff will be monitoring these categories closely as the fiscal year progresses. **\$20,133,742⁽¹⁾**

¹ Expenditure increase is wholly or partially cost neutral, offset by a corresponding revenue source or dedicated fund balance.

MOU Impacts: This expenditure category represents the impact of the Orange County Professional Firefighters Association MOU approved by the Board on 8/27/20 and the Chief Officers Association MOU approved by the Board on 9/24/20.	\$4,289,153
Personnel Expenditures: The majority of this adjustment (\$128,151) is to reclassify the cost for a limited term Construction Manager from the CIP to the General Fund. This cost was already approved in the FY 2020/21 budget; therefore, this is only an accounting change to better classify the expenditure. The remaining portion of this adjustment covers staffing changes due to position reclassifications, which were pre-approved by the Human Resources Committee and the Executive Committee.	\$164,153
Supplies/Equipment/Professional Services: This category includes one-time adjustments for services and supplies which were unknown or for which costs have increased since budget development. The adjustments include paramedic tuition and EMS equipment/supplies (\$459K); increased insurance premiums (\$422K); personal protective equipment (\$215K); and vehicle outfitting (\$126K).	\$1,310,388
Grant/Other Reimbursable Programs: These expenditure items include supplemental funding for the 2019 US&R Grant, FIRIS program expenditures, Fire Ground Survival Training program, and UASI Tactical Medicine Training Grant expenditures, most of which are offset by corresponding revenue adjustments.	\$148,204⁽¹⁾
Pension Paydown: Included in this adjustment is a \$3 million paydown of OCFA's unfunded pension liability from unencumbered fund balance remaining at the end of FY 2019/20 and a \$500K paydown required by the Irvine Settlement Agreement.	\$3,500,000⁽¹⁾
Interfund Borrowing: At the time of budget development, staff was in the process of analyzing if OCFA's cash flow needs could be met with interfund borrowing. When the budget was adopted in May, the Board approved interfund borrowing as our cash flow management mechanism in FY 2020/21. The money is borrowed from the CIP and Work Comp Self-Insurance funds and repaid with interest which is reflected as a cost to the General Fund.	\$165,000

¹ Expenditure increase is wholly or partially cost neutral, offset by a corresponding revenue source or dedicated fund balance.

FY 2020/21 CIP and Other Fund Adjustments

- **Fund 12110 – General Fund CIP:** A decrease in expenditures in the amount of \$98,222 is needed to move the budgeted funds from the CIP to the General Fund for the Limited Term Construction Manager position who will oversee the bathroom modification projects (\$98,222). This is purely an accounting change from one Fund to another with no impact on overall expenses. (Note that the remaining portion of this accounting change is included in Fund 123 below.)
- **Fund 123 – Fire Stations and Facilities:** A decrease in expenditures of \$2,397,098 is needed for the following: budget reduction for delayed RFOTC Training Grounds Expansion and Upgrade Project (\$2,100,000), budget reduction for the completed Phase II US&R Warehouse Training Center Improvements Project (\$267,169) and budget transfer from Fund 123 to the

General Fund to move the budgeted funds for the Limited Term Construction Manager position who will oversee the bathroom modification projects (\$29,929).

- **Fund 133 – Fire Apparatus:** An increase in expenditures of \$75,000 is needed for the purchase of a heavy rescue vehicle.
- **Fund 139 – Settlement Agreement:** An increase in expenditures in the amount of \$15,000 is needed to accommodate Trustee and PARS fees for administering the 115 Trust.
- **Interest Earnings:** Interest earning revenues for each of the CIP and Other Funds have been decreased due to a lower than anticipated interest rate environment. The combined interest earnings decrease is \$408,717.

FY 2020/21 Fund Balance Transfer Adjustments

- **Unencumbered Fund Balance:** The FY 2019/20 year-end audit identified unencumbered fund balance in the amount of \$13,534,587. This fund balance increase resulted primarily from additional revenue received in the fiscal year, as well as salary savings and S&S savings in the General Fund. As directed by the Board at the January 28, 2021 meeting, allocate the unencumbered fund balance as follows:
 - \$6.6 million is required to remain in the General Fund for the contingency reserve funded at 10% of expenditures, pursuant to the OCFA's Financial Stability Budget Policy.
 - Budget \$3,000,000 in Fund 121 for the Accelerated Pension Payment Plan, pursuant to the OCFA's Snowball Plan which assumes that an average of \$3 million per year will be allocated from year-end fund balance.
 - Transfer the remaining \$3,949,257 from Fund 121 to Fund 190 for the Workers' Compensation Program.
- **Irvine Settlement Agreement:** A fund balance transfer from Fund 139 to Fund 121 is needed to make a \$500,000 accelerated pension payment to OCERS as required in the Irvine Settlement Agreement.

The attached Combined Budget Summary (Attachment 2) represents the total adjusted budget for the OCFA and details the revenue and expenditure budgets in each fund assuming these proposed adjustments are approved.

Attachment(s)

1. FY 2020/21 Mid-Year Budget Adjustments
2. Combined Budget Summary

FY 2020/21 Mid-Year Budget Adjustments

The following adjustments to the FY 2020/21 budget are requested:

General Fund (Fund 121)

Revenues: \$19,826,539 increase
Expenditures: \$29,710,640 increase
Operating Transfer Out to Fund 190: \$3,949,257
Operating Transfer In from Fund 139: \$500,000

General Fund CIP (Fund 12110)

Expenditures: \$98,222 decrease

Fire Stations and Facilities Fund (Fund 123)

Revenues: \$19,599 decrease
Expenditures: \$2,397,098 decrease

Communications and Information Systems Fund (Fund 124)

Revenues: \$3,742 decrease

Fire Apparatus Fund (Fund 133)

Revenues: \$38,299 decrease
Expenditures: \$75,000 increase

Irvine Settlement Agreement Fund (Fund 139)

Revenues: \$85,322 decrease
Expenditures: \$15,000 increase
Operating Transfer Out to Fund 121: \$500,000

Structural Fire Fund Entitlement Fund (Fund 171)

Revenues: \$2,037 increase

Self-Insurance Fund (Fund 190)

Revenues: \$263,792 decrease
Operating Transfer In from Fund 121: \$3,949,257

**ORANGE COUNTY FIRE AUTHORITY
COMBINED BUDGET SUMMARY
FY 2020/21**

Attachment 2

	121	12110	<u>CIP Funds</u>			<u>Other Funds</u>			
	General Fund	General Fund CIP (1)	123 Fire Stations & Facilities	124 Communications & Info. Systems	133 Fire Apparatus	139 Settlement Agreement	171 SFF Entitlement	190 Self Insurance	Total
FUNDING SOURCES									
<i>Property Taxes</i>	287,967,482	-	-	-	-	-	-	-	287,967,482
<i>Intergovernmental</i>									
State Reimbursements	40,843,826	-	-	-	-	-	-	-	40,843,826
Federal Reimbursements	4,718,522	-	-	-	-	-	-	-	4,718,522
Community Redevelopment Pass-thru	16,675,511	-	-	-	-	-	-	-	16,675,511
<i>Charges for Current Services</i>									
Cash Contract Cities	127,229,659	-	-	-	1,632,441	-	-	-	128,862,100
HMS Revenue	-	-	-	-	-	-	-	-	-
Fees - Community Risk Reduction	3,655,900	-	-	-	-	-	-	-	3,655,900
Other Charges for Services	108,285	-	-	-	-	-	-	-	108,285
ALS Reimbursements, Supplies	4,547,600	-	-	-	-	-	-	-	4,547,600
Charges for Workers' Comp	-	-	-	-	-	-	-	20,093,346	20,093,346
<i>Use of Money and Property</i>									
Interest	128,571	-	40,613	13,362	40,238	63,448	3,194	319,962	609,388
<i>Other</i>									
Developer contributions	-	-	540,000	-	-	-	-	-	540,000
Miscellaneous	3,668,992	-	-	-	-	-	-	-	3,668,992
<i>Other Funding Sources</i>									
Total Revenues & Other Financing Sources	489,544,348	-	580,613	13,362	1,672,679	63,448	3,194	20,413,308	512,290,952
Operating Transfer In	500,000	9,000,000	-	-	11,059,336	2,668,000	-	3,949,257	27,176,593
Beginning Fund Balance	57,929,276	5,148,222	17,015,222	6,125,835	4,149,456	23,532,076	1,288,272	98,998,999	214,187,358
TOTAL AVAILABLE RESOURCES	\$547,973,624	\$14,148,222	\$17,595,835	\$6,139,197	\$16,881,471	\$26,263,524	\$1,291,466	\$123,361,564	\$753,654,903
EXPENDITURES									
Salaries & Emp Benefits	\$424,752,634	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$424,752,634
Services & Supplies	52,609,268	8,859,114	-	2,312,545	-	2,183,000	1,286,258	20,057,235	87,307,420
Capital Outlay/Equipment	2,492,968	3,357,007	11,224,673	2,609,548	15,671,698	-	-	-	35,355,894
Total Expenditures	\$479,854,870	\$12,216,121	\$11,224,673	\$4,922,093	\$15,671,698	\$2,183,000	\$1,286,258	\$20,057,235	\$547,415,948
Appropriation for Contingencies	3,000,000		-	-	-	-	-	-	3,000,000
Operating Transfer Out	26,676,593	-	-	-	-	500,000	-	-	27,176,593
Ending Fund Balance	\$38,442,161	\$1,932,101	6,371,162	1,217,104	1,209,773	23,580,524	5,208	\$103,304,329	176,062,362
TOTAL FUND COMMITMENTS & FUND BALANCE	\$547,973,624	\$14,148,222	\$17,595,835	\$6,139,197	\$16,881,471	\$26,263,524	\$1,291,466	\$123,361,564	\$753,654,903

(1) Project related budgets segregated for operational budget clarity purposes. As a sub-fund of the General Fund, revenues and expenditures are accounted for as the General Fund in the CAFR, however for cash-flow purposes the expenditures are tracked outside of the General Fund. Therefore 12110 requires cash-flow transfers in the same manner as the other CIP Funds.

Attachment 2

AGENDA ITEM NO. 2E

Agenda item pulled at the
request of staff



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
March 25, 2021

Agenda Item No. 2F
Consent Calendar

Authorization to Prepare a Fire & Emergency Services
Proposal for the City of Fullerton

Contact(s) for Further Information

Lori Zeller, Deputy Chief
Administration & Support Bureau

lorizeller@ocfa.org

714.573.6020

Kenny Dossey, Deputy Chief
Emergency Operations Bureau

kennydossey@ocfa.org

714.573.6006

Summary

This item is submitted per request from the City of Fullerton (City) for OCFA to prepare a fire and emergency services proposal (FSP) to provide the City with comprehensive fire and emergency services including all-risk emergency response, fire prevention, and dispatch services.

Prior Board/Committee Action

The Budget and Finance Committee reviewed this item at their March 10, 2021, Regular meeting, and recommended by a 7-0 vote (Directors Bourne and Sachs absent) that the Board of Directors authorize staff to prepare the requested FSP, to require advance payment for the FSP, and to authorize that the payment be applied as a credit towards the City's first month of services with the OCFA. The Committee further directed that these practices be memorialized as the OCFA's ongoing Board-approved policy for all future FSP requests.

RECOMMENDED ACTION(S)

1. Direct staff to require advance payment from the City of Fullerton in the amount of \$80,207.55 to cover the cost of OCFA staff time to prepare a fire and emergency services proposal.
2. Direct staff, when invoicing the City of Fullerton, to inform the City that should they choose to contract with the OCFA, the \$80,207.55 payment will be applied as a credit towards the City's first month of services with the OCFA.
3. Direct staff to prepare a fire and emergency services proposal for Board consideration for the City of Fullerton upon receipt of the advance payment.
4. Memorialize this advance payment and credit-back process as Board-approved policy for all future requests from local jurisdictions for Fire Service Proposals from OCFA.

Impact to Cities/County

Not Applicable

Fiscal Impact

The OCFA will not incur hard-costs to prepare the proposal; however, soft-costs in the form of staff hours will be required to complete this project. The calculated cost associated with OCFA's staff time is \$80,207.55 and this amount will be charged to the City of Fullerton in advance of staff commencing work to prepare the proposal. If the City elects to contract with the OCFA for services, the Board of Directors may authorize staff to apply the advance payment as a credit

toward the City's first month of contract costs, in recognition of the operational benefits, economy of scale, and administrative benefits that OCFA will achieve through the addition of the City as a member agency. Alternatively, the Board of Directors may require that the advance payment be processed as a non-refundable charge for preparing the proposal.

Background

The OCFA has been requested by the City of Fullerton to prepare a fire and emergency services proposal for provision of comprehensive fire and emergency services including all-risk emergency response, fire prevention, and dispatch services (Attachment). The OCFA has readily participated in preparing proposals for other cities within Orange County in the past and is prepared to assist the City of Fullerton, if so authorized by the Board of Directors.

Based on the numerous FSPs that OCFA has prepared in the past, staff has a good understanding of the hours that will be required for OCFA staff to analyze the service and support requirements in connection with serving a new City. We have quantified the cost of those time requirements as follows:

Position	Cost
Project Lead (Chief Officer)	44,172.00
IT Manager	4,208.49
Property Manager	3,781.31
Fleet Services Manager	3,691.71
Service Center Supervisor	2,811.60
Human Resources Manager	2,660.13
Deputy Fire Marshal	1,809.80
Budget Analyst	4,146.12
Management Analyst	2,910.11
Indirect Cost Rate (14.27%)	10,016.29
Total Cost to Prepare Proposal	\$80,207.55

The FSP will be developed by OCFA to offer one or more service options to the City of Fullerton, with the proposed cost in connection with each service option set at the amount required to ensure full cost recovery to OCFA. As with all prior FSPs, the proposed contract cost will also include the required contribution for OCFA's administrative and support services.

These FSP processes are always developed with a dual-purpose in mind. That is, OCFA seeks to provide a proposal for services, support and financial terms that will be beneficial to the requesting City, while also seeking a structure that will be beneficial to the OCFA, its current members, and the citizens we serve. Upon completion of the proposal, staff will return to the Board for its review and approval of the FSP. The Board may request changes at that time prior to submitting the proposal to the City of Fullerton for its consideration and desired action.

Attachment(s)

1. City of Fullerton Request for OCFA Fire Services Proposal, March 3, 2021

**CITY OF FULLERTON**

City Manager's Office

March 3, 2021

Fire Chief Brian Fennessy
Orange County Fire Authority
1 Fire Authority Road
Irvine, California 92602

Dear Chief Fennessy:

At the March 2, 2021 meeting of the Fullerton City Council, an item was approved to request a Fire Services Proposal from the Orange County Fire Authority. The City is interested in receiving a proposal from the Orange County Fire Authority (OCFA) for emergency response and paramedic services including fire prevention and dispatch services. It would be desirable that the OCFA proposal provide a number of service delivery options that would be adequate to provide essential and responsive services to our community.

We understand that to conduct a thorough investigation and to complete your proposal you will need the proper assistance from Fullerton personnel. I have asked our Fire Chief, Adam Loeser, to coordinate this effort and to provide you the necessary assistance.

Please feel free to contact me directly should you need my attention on any matter related to this proposal. I look forward to working closely with you and your staff throughout this analysis period.

Sincerely,

A handwritten signature in blue ink, appearing to read "Kenneth A. Damer", is written over a large, stylized blue circular mark.

Kenneth A. Damer
City Manager

C: City Council
Adam Loeser, Fire Chief

THE EDUCATION COMMUNITY

303 West Commonwealth Avenue, Fullerton, California 92832-1775
(714) 738-6310 • Fax (714) 738-6758 • citymanager@ci.fullerton.ca.us • www.cityoffullerton.com



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
March 25, 2021

Agenda Item No. 2G
Consent Calendar

Drowning Prevention Awareness Proclamation

Contact(s) for Further Information

Colleen Windsor,
Communications Director

ColleenWindsor@ocfa.org

714.573.6028

Summary

Annually, the Orange County Fire Authority proclaims May through October as Drowning Prevention Awareness.

Prior Board/Committee Action

Not applicable.

RECOMMENDED ACTION(S)

Approve proclamation designating May and continued through October as Drowning Prevention Awareness.

Impact to Cities/County

Not Applicable.

Fiscal Impact

There is no fiscal impact associated with this item.

Background

Drowning is the leading cause of death in kids under five in the Orange County. Three children die every day as a result of drowning. Our goal is help families become more aware of prevention measures so we can stop losing any more lives to drowning.

This year, the water safety campaign “Always Watch Your Child Around Water” — kicks-off in May and continues through October and gives in-depth information that will be provided by staff on what Orange County residents can do to prevent drowning. The campaign will encourage all families, parents, residents, schools, recreational facilities, businesses, and homeowner associations to become partners in preparedness by increasing their knowledge of proper safety measures in drowning prevention.

Attachment(s)

1. Proposed Proclamation

DROWNING PREVENTION AWARENESS

WHEREAS, drowning is the leading cause of death and disability in California for children under five years of age; and

WHEREAS, for every child who dies from drowning, another five receive emergency care for non-fatal submersion injuries; and

WHEREAS, fatal and non-fatal drowning is a silent event, occurring in as little as two inches of water, that can occur in inflatable swimming pools, spas, bath tubs, the ocean, and any other body of water; and

WHEREAS, this year's water safety campaign, "Always Watch Your Child Around Water", gives in-depth information that will be provided by staff on what Orange County residents can do to prevent drowning; and

WHEREAS, the initiatives set forth in the "ABCs of Water Safety" program will increase public awareness regarding proper procedures to prevent this needless tragedy; and

WHEREAS, the Orange County Fire Authority will be taking this opportunity to increase public awareness about drowning prevention through a diverse community outreach campaign; and

WHEREAS, OCFA will launch a water safety campaign in May to continue through October.

NOW, THEREFORE BE IT RESOLVED, that the Orange County Fire Authority Board of Directors does hereby proclaim its participation in the "Always Watch Your Child Around Water" 2021 campaign—that kicks-off in May and continues through October by encouraging all families, parents, residents, schools, recreational facilities, businesses, and homeowner associations to become partners in preparedness by increasing their knowledge of proper safety measures in drowning prevention.



Orange County Fire Authority
AGENDA STAFF REPORT

Board of Directors Meeting
March 25, 2021

Agenda Item No. 3A
Discussion Calendar

**San Onofre Nuclear Generating Station (SONGS)
Community Coalition**

Contact(s) for Further Information

Kenny Dossey, Deputy Chief
Emergency Operations Bureau

kennydossey@ocfa.org

714.573.6006

Summary

This agenda item is submitted per request from Chair Shawver for discussion and direction regarding OCFA participation on the San Onofre Nuclear Generating Station (SONGS) Community Coalition.

Prior Board/Committee Action

None.

RECOMMENDED ACTION(S)

Discuss and provide direction regarding the Orange County Fire Authority's involvement and membership in the San Onofre Nuclear Generating Station (SONGS) Community Coalition.

Impact to Cities/County

N/A

Fiscal Impact

N/A

Background

Chair Shawver requested that this item be agenized for Board discussion and direction at the request of Southern California Edison (SCE), which seeks OCFA's support as they advocate for an off-site nuclear spent fuel storage solution, allowing SONGS to be fully decommissioned. Provided below is background provided by SCE on their efforts and proposed coalition structure, in addition to their PowerPoint presentation that includes an overview (Attachment).

SCE in partnership with the County of Orange (Supervisor Lisa Bartlett), San Diego County and other utilities, is forming a new coalition, **Action for Spent Fuel Solutions Now**. The coalition is comprised of local leaders and organizations to address the spent fuel issue. The coalition's goal is to encourage the federal government to find a solution that would enable the relocation and storage of spent nuclear fuel to safe locations.

Proposed SONGS Community Coalition (*all of the following content is provided by SCE*)

Need for a Coalition: Moving San Onofre's spent nuclear fuel off-site is a shared priority for local communities and SONGS' co-owners. While all spent nuclear fuel now is sealed

in stainless steel canisters and stored in on-site passive dry storage facility, there is no federally licensed facility authorized to receive spent fuel from a commercial nuclear energy site. By law, the U.S. Department of Energy was to begin picking up spent fuel from commercial sites beginning in 1998. Yet, spent nuclear fuel still sits at SONGS and 22 other retired nuclear plants across the country, with several more plant retirements scheduled over the next decade. This is a problem that requires local and national support to advocate for a federal solution.

Purpose: Through the combined resources and support of like-minded local governments, non-governmental organizations and community stakeholders, the SONGS Community Coalition will drive a federal advocacy campaign to support enactment of legislation and appropriations necessary to establish one or more consolidated interim storage and/or permanent geologic disposal facilities for spent nuclear fuel.

Principles:

- Education. Advocacy. Inclusiveness. Transparency.

Structure:

- Executive Board: Goal-setting and decision-making body for the Coalition
 - Orange County
 - Southern California Edison
 - Others TBD
- Advisory Council: To provide strategic expertise to the Executive Board
 - Leadership of the SONGS Community Engagement Panel
 - Plant co-owners San Diego Gas & Electric, cities of Riverside and Anaheim
 - Selected nuclear industry experts
 - Community leaders
- Supporting Members:
 - Local Governments
 - Current and Former Elected Officials
 - Businesses / Business Organizations / Chambers
 - Community / Civic Organizations
 - Law Enforcement / Emergency Management Professionals
 - Environmental Organizations
 - Education / Science Organizations
 - Organized Labor
 - Tribal Nations
 - Local Residents

Attachment(s)

1. PowerPoint Presentation of overview



Decommissioning San Onofre

Nuclear Generating Station

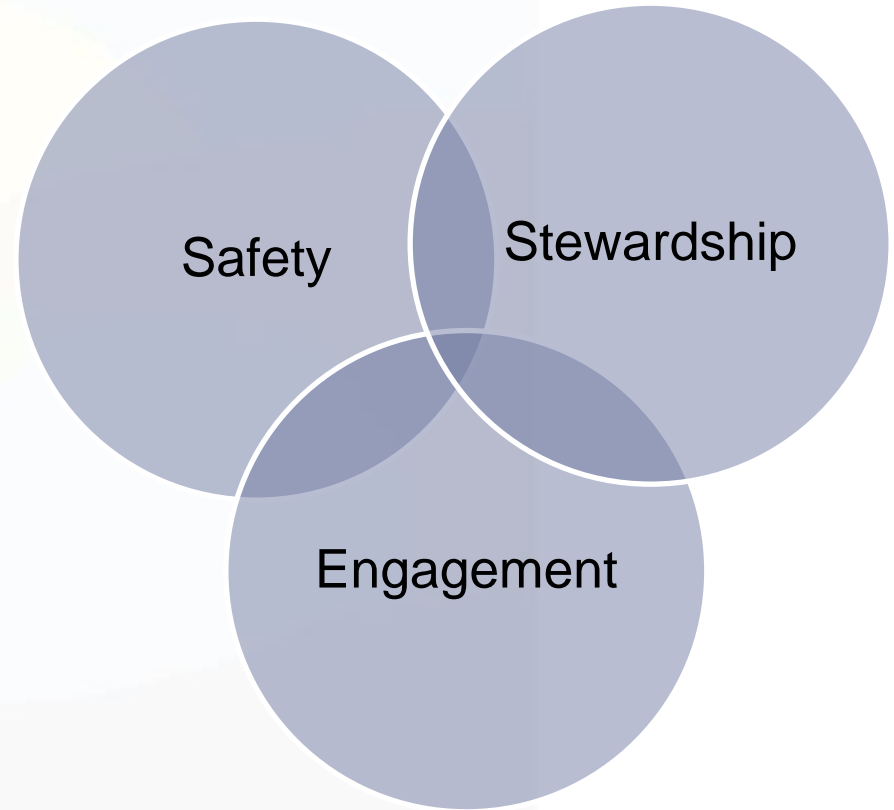
San Onofre Decommissioning Project

Manuel Camargo
Principal Manager, Strategic Planning

January 6, 2021

Goal & Principles

Complete decommissioning in a safe, timely, transparent, & cost-efficient manner while maintaining high standards of environmental protection





Decommissioning
San Onofre
Nuclear Generating Station

SONGS Site





Decommissioning
San Onofre
Nuclear Generating Station

SCE Service Territory



- One of the nation's largest electric utilities
- Providing electric service to:
 - 15 million people
 - 5 million customer accounts
- 50,000-square-mile service area
- Covering Central, Coastal and Southern California



Decommissioning
San Onofre
Nuclear Generating Station

San Onofre Plant History

- **Unit 1**
 - Online January 1968
 - Retired 1992, largely decommissioned
- **Units 2 and 3**
 - Online November 1983, April 1984
 - Retired June 7, 2013
- **Spent Fuel Storage**
 - Over 50 years in wet storage
 - Dry cask storage since 2003





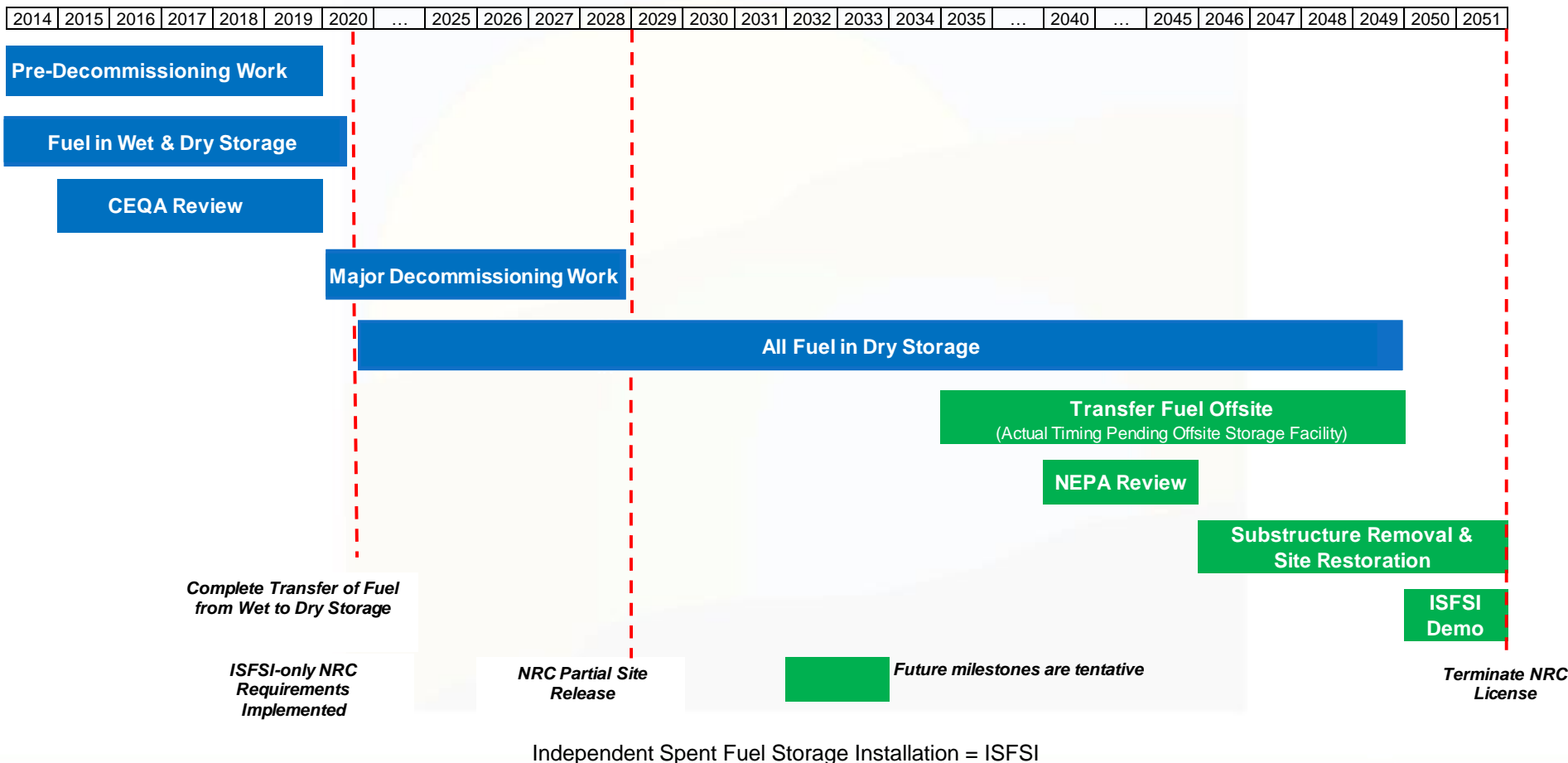
Decommissioning
San Onofre
Nuclear Generating Station

Decommissioning Timeline



Decommissioning Plan

SONGS Decommissioning Plan



Post-Decommissioning

Switchyard

ISFSI

Seawall, Walkway and Riprap

At completion of the on-shore decommissioning work only the ISFSI, Switchyard, and seawall/walkway/rip-rap will remain

BEFORE



AFTER





Decommissioning
San Onofre
Nuclear Generating Station

Environmental Permitting

Decommissioning Permits

Decommissioning Project (2019 to 2028)

- Reviewed under CA Environmental Quality Act (CEQA)
- Environmental Impact Report certified by CA State Lands Commission in March 2019
- Coastal Development Permit for dismantlement of onshore facilities approved by CA Coastal Commission in October 2019

Future Activities (~2035)

- Subject to CEQA and National Environmental Policy Act (NEPA) reviews
- Scope includes ISFSI removal, additional substructure removal (Units 1/2/3), shoreline structure disposition (seawall, walkway, and riprap), and final site restoration (2035 or later)*

*Subject to availability of suitable offsite storage or disposal facility



Decommissioning
San Onofre
Nuclear Generating Station

Environmental Mitigations

Environmental Programs

In addition to NRC required programs, SONGS Environmental Team will monitor and mitigate dismantlement impacts:

- To wildlife and habitats
- Dust and noise
- Traffic and emissions

Ongoing mitigation programs:

- Wheeler North Reef
- San Dieguito Wetlands restoration





Decommissioning
San Onofre
Nuclear Generating Station

Spent Fuel Management

What is Spent Fuel?

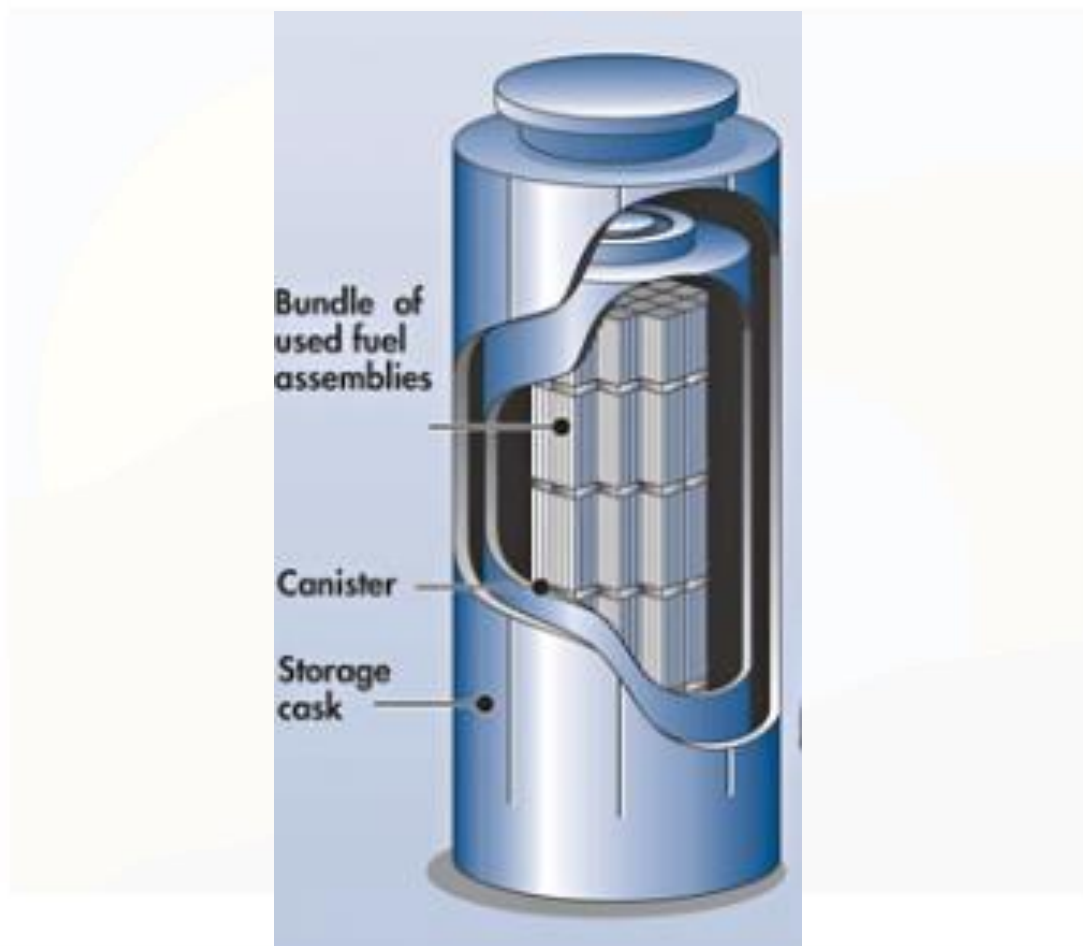


- A solid pellet
- Encapsulated and intact in 14' fuel assembly with zirconium cladding



Decommissioning
San Onofre
Nuclear Generating Station

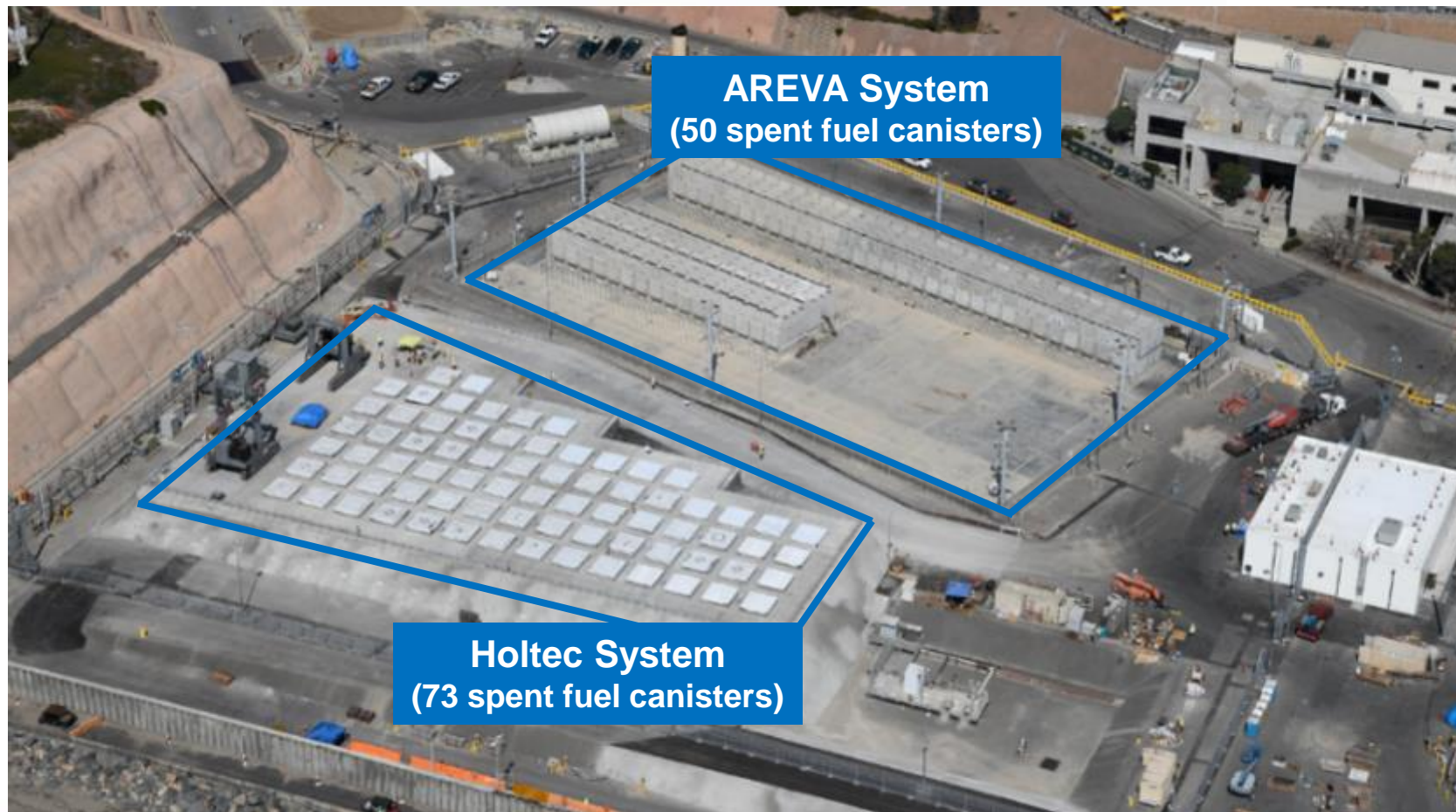
What is Passive Dry Storage?





Decommissioning
San Onofre
Nuclear Generating Station

SONGS Independent Spent Fuel Storage Installation (ISFSI)





Decommissioning
San Onofre
Nuclear Generating Station

Spent Fuel Management



Used Fuel Readiness for Transportation

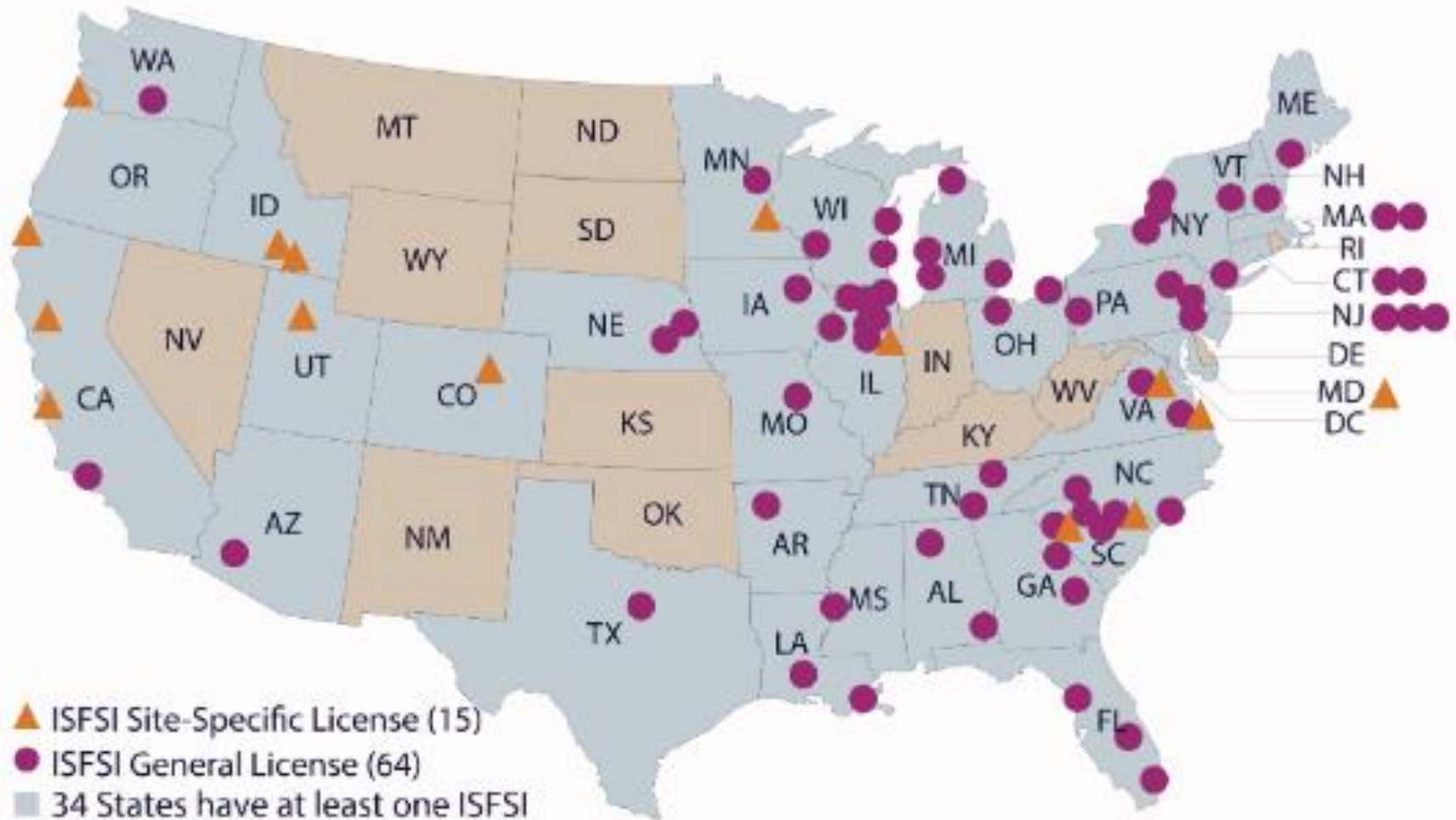
- Most fuel already is qualified for transport
- Remaining fuel qualifies over time

	NOW	'22	'23	'24	'25	'26	'27	'28	'29	'30	TOTAL
Units 2/3 AREVA NUHOMS 24PT4	33										33
Unit 1 AREVA NUHOMS 24PT1	2		1					5		9	17
Units 2/3 HOLTEC MPC-37	67	2	2		1			1			73

Note: Spent nuclear fuel could be re-evaluated and the qualification time for transportation would be accelerated



Spent Fuel Storage Sites





Decommissioning
San Onofre
Nuclear Generating Station

Next Steps

SONGS Strategic Plan

Coordinated approach for relocating SONGS spent nuclear fuel to an offsite storage facility or repository:

- Advocate for federal legislation and appropriations
- A national consolidated interim storage program – either as a federal program or in cooperation with non-federal entities
- Re-establish repository program, including stakeholder engagement and consent of state, local and tribal governments
- Streamline and prioritize spent fuel transportation scheduling

Decommissioning Principles

Southern California Edison and co-owners committed to:

Safety

Stewardship

Engagement

Want to Stay Informed?

SONGCommunity.com website provides the following information

- Community Engagement Panel meeting dates
- Public Walking Tour dates and sign ups
- Decommissioning blog and news updates
- Facebook, Twitter, YouTube, Instagram



Decommissioning
San Onofre
Nuclear Generating Station

Questions?

Contact

Manuel C. Camargo Jr.

Principal Manager

Strategic Planning & Stakeholder Engagement

SONGS Decommissioning

Southern California Edison

manuel.camargo@sce.com

Mobile: 213-361-3661

General Questions from the Public

nuccomm@songs.sce.com



Decommissioning
San Onofre
Nuclear Generating Station

Back Up Slides



Decommissioning
San Onofre
Nuclear Generating Station

Decommissioning Plan



Decommissioning
San Onofre
Nuclear Generating Station

Decommissioning Next Steps Years 1-5

2016 – Awarded SONGS Decommissioning General Contract to SDS

2019 – Present

- Obtain Environmental Permits for Decommissioning – *Completed October 2019*
- Complete Fuel Transfer from wet to dry storage - *Completed August 2020*
 - Transition from a plant site to a construction site
 - Early building demolition
 - NRC license modified to ISFSI-only

2021 -2025

- Upgrade rail spurs, create laydown area for materials
- Large component removal, i.e., reactor vessels, steam generators, pressurizers
- Remove radiological hazards
- Dispose of components and materials
- Complete radiological releases to the ocean

Decommissioning Next Steps

Years 6 - 10

2026 - 2029

Following hazard removal/mitigation

- Open air demolition work
- Major building demolition
- Backfill and site grading
- ISFSI, switchyard and shoreline protection features remain

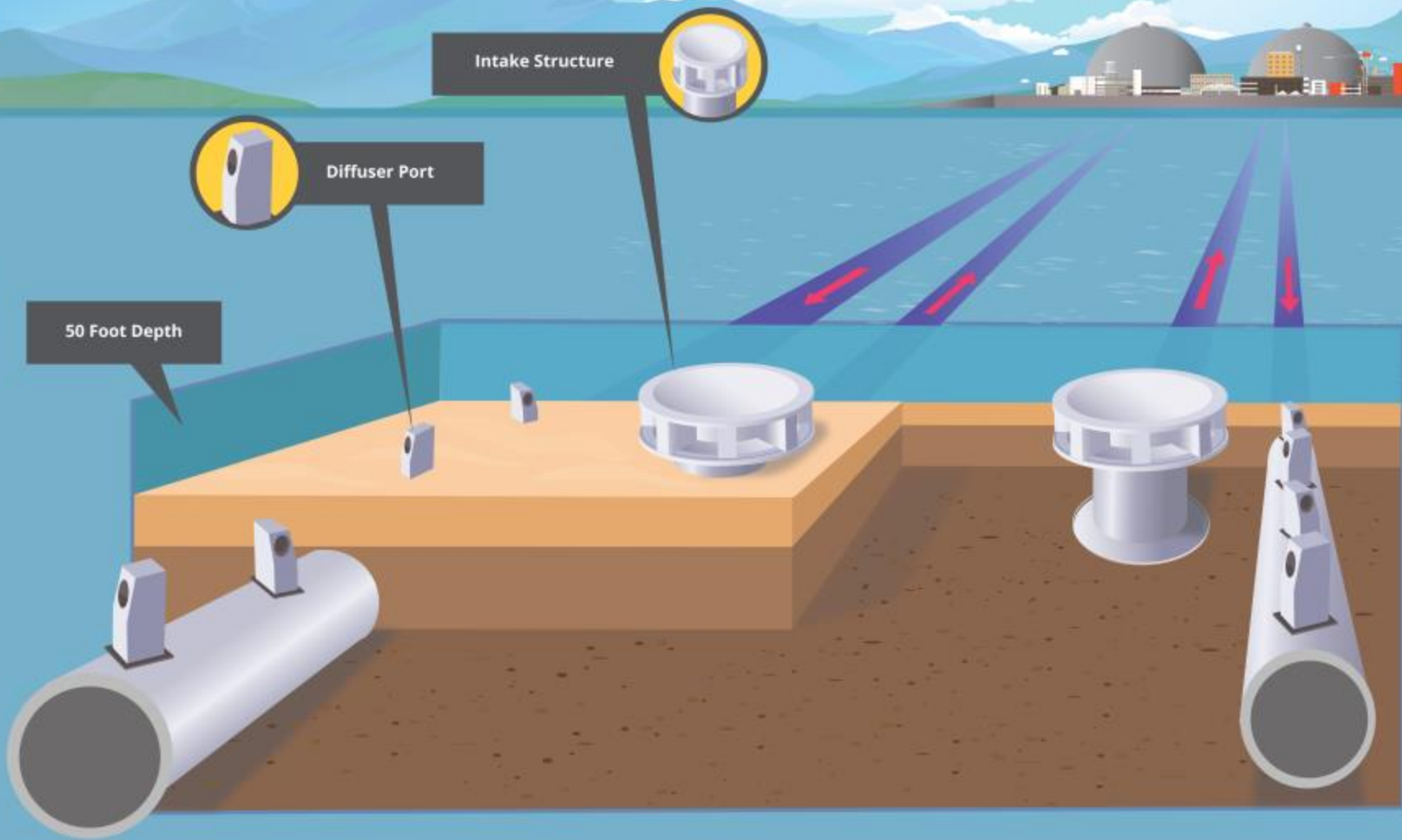
Subsequent milestones

After fuel is transferred, ISFSI demolished and site restored per Navy and Coastal Commission requirements



Decommissioning
San Onofre
Nuclear Generating Station

Environmental Permitting



Offshore Activities

State Agency Approvals for D&D

- **CSLC – EIR and Offshore Lease**
 - As the CEQA lead agency, CSLC reviewed potential environmental impacts of Proposed Project (onshore & offshore)
 - On March 21, 2019, certified final EIR and approved SCE's lease for offshore conduits and riprap through 2035
- **CCC – CDPs for Onshore and Offshore Work**
 - Responsible agency for CEQA review; CCC staff worked closely with CSLC during CSLC's development of EIR
 - On October 17, 2019, the CCC approved the onshore CDP so that SCE can begin decontamination and dismantlement of the plant
 - CDP for offshore work will be submitted in 2021



Decommissioning
San Onofre
Nuclear Generating Station

Sea Level Rise



Decommissioning
San Onofre
Nuclear Generating Station

Sea Level Rise (SLR)

- 2015 Coastal Development permit (reviewed annually)
- Ocean Protection Council's most extreme scenario (2018 "H++"), does not represent a threat to ISFSI through 2035
- SCE will revisit SLR in relation to the Holtec facility in 2035
- The bottom of the new Holtec UMAX spent fuel storage facility sits three feet above the water table
- Sea water would need to rise three feet, then penetrate three feet of reinforced concrete and a 3/4-inch stainless steel cavity enclosure container that houses the canister
- Units 2 and 3 were built below water table and operated for ~30 years with no impact from the water table or sea water



Decommissioning
San Onofre
Nuclear Generating Station

Wastewater Batch Releases



Decommissioning
San Onofre
Nuclear Generating Station

What Are Batch Releases?

- Like many industrial sites, San Onofre has permits to discharge operational wastewater into the ocean
- Discharges include non-radiological and radiological releases
- Wastewater is cleaned up using resins to remove radiological material and other impurities
- Batches are diluted and released via a discharge conduit
- Wastewater enters ocean more than one mile offshore ~50 feet below sea level, mixing with the vast Pacific Ocean

Batch Releases are Safe

- SCE has safely cleaned and discharged these liquids for 50+ years with no measurable impact on the environment
- Estimated dose to a member of the public was 0.000722 millirem for the most recent 2020 batch release
 - Less than one hour on the beach yields ~25 times more dose (cosmic, terrestrial, and radon) than the average release dose
 - If you drank all 20,000 gallons, the radiological dose would be 4,000 times less than EPA drinking water limit (4 millirem/yr)
 - Estimate for the entire year 2020 is 0.051 millirem
 - Compare to natural background of about 1 millirem per day
 - **While each batch release dose varies, ALL releases are far below (hundreds to thousands times) the EPA drinking water limit**



Decommissioning
San Onofre
Nuclear Generating Station

Conclusion

- Well below regulatory limits: safe levels established by federal agencies (EPA, NRC) and below Water Board limits
- National and international scientific organizations note that any dose less than about 10,000 mrem per year have no measurable effects in humans
 - Safe levels recommended by National Council on Radiation Protection & Measurements and International Commission on Radiological Protection
- Conclusion - very safe for swimmers, surfers, public