Raione, Richard

From: Raione, Richard
Sent: Tuesday, March 22, 2011 11:42 AM
To: Tiruneh, Nebiyu; Barnhurst, Daniel; See, Kenneth
Subject: FW: Work Schedule and Pay Guidance for Responders to Japan Events
Attachments: Work Schedule and Premium Pay Guidance for Japan Response 3.docx

fyi

From: Lauron, Carolyn
Sent: Tuesday, March 22, 2011 11:12 AM
To: NRO DSER Branch Chiefs
Cc: Flanders, Scott; Chokshi, Nilesh; Sweeney, Beverly
Subject: FYI: Work Schedule and Pay Guidance for Responders to Japan Events

Please share with staff as needed.

From: Applestein, Lisa
Sent: Tuesday, March 22, 2011 11:11 AM
To: Stirewalt, Gerry; Perin, Vanice; Williams, Donna; Rosales-Cooper, Cindy; Scarbrough, Thomas; Williams, Joseph; Chazell, Russell; Hale, Jerry; Hart, Michelle; Mazaika, Michael; Bloom, Steven; Stieve, Alice; Seber, Dogan; Karas, Rebecca; Munson, Clifford; Quinlan, Kevin; Brown, David; Devlin, Stephanie; Li, Yong; Barnhurst, Daniel; Tiruneh, Nebiyu; Fuller, Edward; Wunder, George; Gilmer, James; Chowdhury, Prosanta; Cervera, Margaret; McGovern, Denise; Jessie, Janelle
Cc: NRO_TA; Lo, Eileen
Subject: FW: Work Schedule and Pay Guidance for Responders to Japan Events

Please see attached to help clarify any issues on how to charge your time during the ops center response to the Japan Crisis. If you know someone who has done shift work at the ops center that is not on this list please forward this on to them.

Thank you,

Lisa D. Applestein
T&L Coordinator
NRO/PMDA/ITMB
T-6F35
Phone #: 301-415-6175

From: Jessie, Janelle
Sent: Monday, March 21, 2011 11:37 AM
To: Feizollahi, Lisa; Applestein, Lisa
Subject: FW: Work Schedule and Pay Guidance for Reponders to Japan Events

Lisa,

Here is some helpful guidance that the ops center staff shared which explains how ndiff and sunp work.

JJ

From: OST01 HOC
Sent: Friday, March 18, 2011 5:06 AM
To: Abrams, Charlotte; Adams, John; Afshar-Tous, Mugeh; Alemu, Bezakulu; Alter, Peter; Anderson, James; Ashkeboussi, Nima; Baker, Stephen; Bergman, Thomas; Berry, Rollie; Bloom, Steven; Blount, Tom; Boger, Bruce; Bower, Anthony; Brandon, Lou; Brandt, Philip; Brock, Kathryn; Brown, Cris; Brown, David; Brown, Eva; Brown, Frederick; Bukharin, Oleg; Camper, Larry; Carpenter, Cynthia; Case, Michael; Casto, Greg; Cervera, Margaret; Chazell, Russell; Chen, Yen-Ju; Chokshi, Nilesh; Chowdhury, Prosanta; Circle, Jeff; Clement, Richard; Clinton, Rebecca; Collins, Frank; Cool, Donald; Costa, Arlon; Crutchley, Mary Glenn; Cruz, Zahira; Dacus, Eugene; DeCicco, Joseph; Decker, David; Dembek, Stephen; Devlin, Stephanie; Doane, Margaret; Dorman, Dan; Dozier, Jerry; Droggitis, Spiros; Dudek, Michael; Dudes, Laura; Emche, Danielle; English, Lance; Erlanger, Craig; Esmaili, Hossein; Figueroa, Roberto; Fiske, Jonathan; Franovich, Rani; Fuller, Edward; Galletta, Thomas; Gambone, Kimberly; Giitter, Joseph; Gordon, Dennis; Gott, William; Grant, Jeffery; Grobe, Jack; Hale, Jerry; Hardesty, Duane; Hart, Ken; Hart, Michelle; Hasselberg, Rick; Henderson, Karen; Hiland, Patrick; Holahan, Patricia; Holahan, Vincent; Holian, Brian; Huyck, Doug; Howard, Tabitha; Huffert, Anthony; Hurd, Sapna; Isom, James; Jackson, Karen; Jessie, Janelle; Johnson, Michael; Jolicoeur, John; Jones, Andrea; Jones, Cynthia; Kahler, Carolyn; Kammerer, Annie; Karas, Rebecca; Khan, Omar; Kowalczik, Jeffrey; Kozal, Jason; Kratchman, Jessica; Kugler, Andrew; Lamb, Christopher; Larson, Emily; LaVie, Steve; Lewis, Robert; Li, Yong; Lombard, Mark; Lubinski, John; Lynch, Jeffery; Mamish, Nader; Manahan, Michelle; Marksberry, Don; Marshall, Jane; Mayros, Lauren; Mazaika, Michael; McConnell, Keith; McCoppin, Michael; McDermott, Brian; McGinty, Tim; McMurtray, Anthony; Merritt, Christina; Meyer, Karen; Miller, Charles; Miller, Chris; Milligan, Patricia; Mohseni, Aby; Moore, Scott; Morlang, Gary; Morris, Scott; Mroz (Sahm), Sara; Munson, Clifford; Murray, Charles; Nerret, Amanda; Norris, Michael; Norton, Charles; Ordaz, Vonna; Padovan, Mark; Patel, Jay; Parillo, John; Pope, Tia; Purdy, Gary; Quinlan, Kevin; Ragland, Robert; Ralph, Melissa; Reed, Elizabeth; Reed, Wendy; Reis, Terrence; Riley (OCA), Timothy; Rini, Brett; Rodriguez-Luccioni, Hector; Rosenberg, Stacey; Ross-Lee, MaryJane; Roundtree, Amy; Ruland, William; Salay, Michael; Salus, Amy; Sanfilippo, Nathan; Scarbrough, Thomas; Schaperow, Jason; Schmidt, Duane; Schoenebeck, Greg; Schrader, Eric; Schwartzman, Jennifer; Seber, Dogan; Shane, Raeann; Shea, James; Shepherd, Jill; Sheron, Brian; Skeen, David; Sloan, Scott; Smiroldo, Elizabeth; Smith, Theodore; Stahl, Eric; Stang, Annette; Steger (Tucci), Christine; Stieve, Alice; Stone, Rebecca; Stransky, Robert; Sturz, Fritz; Sullivan, Randy; Sun, Casper; Tappert, John; Temple, Jeffrey; Thaggard, Mark; Thomas, Eric; Thorp, John; Tobin, Jennifer; Trefethen, Jean; Tschiltz, Michael; Turtil, Richard; Uhle, Jennifer; Valencia, Sandra; Vaughn, James; Vick, Lawrence; Wastler, Sandra; Watson, Bruce; Weber, Michael; Webber, Robert; White, Bernard; Wiggins, Jim; Williams, Donna; Williams, Joseph; Williamson, Linda; Willis, Dori; Wimbush, Andrea; Wittick, Brian; Wray, John; Wright, Lisa (Gibney); Wright, Ned; Wunder, George; Young, Francis; Zimmerman, Roy
Cc: OST02 HOC; OST01 HOC
Subject: Work Schedule and Pay Guidance for Reponders to Japan Events

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From: Davidson, Lawrence
Sent: Thursday, March 17, 2011 5:14 PM

To: OST02 HOC; McMurtray, Anthony
Cc: Evans, Michele; Johns, Nancy; Scott, Tracy; Tallarico, Alison
Subject: FW:

Please distribute to everyone who serves in and supports the Ops Center in response to the events in Japan...

From: Davidson, Lawrence
Sent: Thursday, March 17, 2011 2:06 PM
To: Abraham, Susan; Abrams, Charlotte; Ader, Charles; Akstulewicz, Frank; Albert, Ronald; Allwein, Russell; Alston, Timothy; Andersen, James; Anderson, Joseph; Armentrout, Deborah; Ash, Darren; Ash, Melissa; Astwood, Heather; Auluck, Rajender; Austin, Joseph; Ayres, David; Bahadur, Sher; Bailey, Marissa; Bailey, Stewart; Baker, Pamela; Banas, Paul; Barss, Dan; Bartlett, Bruce; Bartley, Jonathan; Bartley, Malion; Batkin, Joshua; Baum, Robin; Bayliff, Shirley; Beardsley, James; Beasley, Benjamin; Bell, Hubert; Bell, Marvin; Bellamy, Ronald; Bellinger, Alesha; Benjamin, Jamie; Benner, Eric; Benney, Brian; Bergman, Thomas; Biggins, James; Bladey, Cindy; Blamey, Alan; Bloom, Steven; Bloomer, Tamara; Blount, Tom; Boger, Bruce; Boland, Anne; Bolduc, Angela; Bonser, Brian; Borchardt, Bill; Borden, William; Bouling, Ramona; Bower, Fred; Bower, Phyllis; Boyce, Tom (RES); Boyce, Thomas (OIS); Brady, Joseph; Brenner, Eliot; Brezovec, Michael; Broaddus, Doug; Brooks, Kenneth; Brown, Frederick; Brown, Tony; Brown, Milton; Brown, Rohn; Bubar, Patrice; Buchholz, Jeri; Buckley, Michael; Bumpass, Sheila; Burns, Stephen; Burritt, Arthur; Burton, Stephen; Burton, William; Bush-Goddard, Stephanie; Cain, Chuck; Caldwell, Robert; Calle, Joselito; Cameron, Jamnes; Campbell, Andy; Campbell, Larry; Campbell, Stephen; Campbell, Vivian; Camper, Larry; Caniano, Roy; Cardenas, Daniel; Carlson, Robert; Carpenter, Cynthia; Case, Michael; Casto, Chuck; Casto, Greg; Cataldo, Paul; Catts, Michelle; Champion, Bryan; Chang, Helen; Chang, Lydia; Cheok, Michael; Chernoff, Harold; Chernoff, Margaret; Chokshi, Nilesh; Christensen, Harold; Clark, Jeff; Clay, Earnestine; Clayton, Brent; Clifford, James; Cobey, Eugene; Cochrum, Steven; Coe, Doug; Cohen, Miriam; Cohen, Ronald; Cohen, Stephen; Colaccino, Joseph; Coleman, Judy; Collins, Daniel; Collins, Elmo; Conte, Richard; Cook, Christopher; Corbett, James; Cordes, John; Correia, Richard; Costello, Ralph; Coyne, Kevin; Croteau, Rick; Crowe, Eddy; Cruz, Jeffrey; Csontos, Aladar; Cubbage, Amy; Cubellis, Louis; Cullison, David; Curtis, David; Daley, Robert; Daly, Jill; Dambly, Jan; Daniel, Susan; Danna, James; Dapas, Marc; Davis, Henry; Davis, Jack; Davis, Marlone; Dean, Michael; Dean, Bill; Dehn, Janine; Delligatti, Mark; Dembek, Stephen; Demoss, Gary; Dennig, Robert; Dentel, Glenn; Desai, Binoy; Dias, Antonio; Diaz-Toro, Diana; Dickson, Billy; Dingbaum, Stephen; DiPaolo, Eugene; Dixon, John; Dixon-Herrity, Jennifer; Doane, Margaret; Dodmead, James; Doerflein, Lawrence; Donaldson, Leslie; Donnell, Tremaine; Donoghue, Joseph; Doornbos, Roger; Dorman, Dan; Dorsey, Jeryll; Dosch, William; Dreisbach, Jason; Droggitis, Spiros; Dudes, Laura; Dumbacher, David; Duncan, Eric; Dwyer, James; Dyer, Jim; Eads, Johnny; Easson, Pamela; Egan, Dennis; Egli, Richard; Einberg, Christian; Elkins, Scott; Ellegood, John; Elliott, Robert; Ellsbury, Richard; Erlanger, Craig; Ernstes, Michael; Brown, Cris; Evans, Carolyn; 'Michele.ca@nrc.gov'; Farnholtz, Thomas; Felts, Russell; Fenton, Darlene; Ferdas, Marc; Ferrell, Kimberly; Ficks, Ben; Fields, Leslie; Finney, Patrick; Fitch, Karen; Flanders, Scott; Flynn, Sean; Foster, Jack; Franke, Mark; Franovich, Rani; Fredericks, Carl; Freeman, Scott; Fretz, Robert; Frumkin, Daniel; Frye, Timothy; Fuller, Michael; Gaddy, Vincent; Gallo, Jenny; Galloway, Melanie; Gartman, Michael; Gavrilas, Mirela; Giantelli, Adelaide; Gibson, Kathy; Giessner, John; Giitter, Joseph; Givvines, Mary; Gody, Tony; Golder, Jennifer; Golshan, KG; Gorham, Tajuan; Gott, William; Graham, Thorne; Grancorvitz, Teresa; Grant, Jeffery; Graser, Dan; Gray, Mel; Greene, Kathryn; Grice, Thomas; Griffin, Steven; Grobe, Jack; Hawkins, Kimberly; Gusack, Barbara; Guthrie, Eugene; Guttmann, Jack; Haag, Robert; Habighorst, Peter; Hackett, Edwin; Haeg, Lucas; Haire, Mark; Hall, Donald; Hall, Patricia; Hamzehee, Hossein; Haney, Catherine; Hansell, Samuel; Harris, Tim; Harrison, Donnie; Hatchett, Gregory; Hawkens, Roy; Hay, Michael; Hayden, Elizabeth; Hays, Myra; Heck, James; Heck, Jared; Helton, Shana; Henderson, Pamela; Hickey, James; Hiland, Patrick; Hills, David; Hilton, Nick; Hiltz, Thomas; Hirsch, Patricia; Hoeg, Tim; Hogan, Rosemary; Holahan, Gary; Holahan, Patricia; Holian, Brian; Holland, Crystal; Holody, Daniel; Holonich, Joseph; Holt, BJ; Hopper, George; Howard, Patrick; Howe, Allen; Howell, Art; Howell, Linda; Hoxie, Chris; Hsia, Anthony; Hsu, Caroline; Hsueh, Kevin; Huber, Deborah; Hudson, Jody; Humerick, David; Hunegs, Gordon; Hunter, James; Huth, Virginia; Hutto, Andy; Huyck, Doug; Imboden, Andy; Itzkowitz, Marvin; Jackson, Deborah; Jackson, Donald; Jackson, Terry; James, Lois; Jankovich, John; Janney, Margie; Jarvis, Rodney; Jenkins, Ronaldo; Jernell, Eleni; Johns, Nancy; Johnson, Michael; Johnson, Clay; Johnson, Robert; Jolicoeur, John; Jones, Bradley; Jones, Evan; Jones, William; Josey, Jeffrey; Joustra, Judith; Julian, Emile; Jung, Ian; Junge, Michael; Kahler, Robert; Kaplan, Michele; Karas, Rebecca; Kellar, Ray; Kelley, Corenthis; Kemerer, Myron; Kemker, Brian; Kennedy, Kriss; Kennedy, Silas; Kerben, Valerie; Kern, David; Khanna, Meena; Kim, Yong; Kimble, Daniel; King, Donald; King, Michael; Kinneman, John; Kirkland, John; Kirkwood, Sara; Klein, Alex; Knutson, Ed; Kobetz, Timothy; Kokajko, Lawrence; Kolaczyk, Kenneth; Konzman, Carl; Koshy, Thomas; Kowal, Mark; Kramer, John; Krohn, Paul; Krsek, Robert; Krupnick, David; Kulesa, Gloria; Kulp, Jeffrey; Kunowski, Michael; Lam, Donna; Lambert,

Kenneth; Landau, Mindy; Langan, Scott; Lankford, Jeffrey; Lantz, Ryan; Lara, Julio; Larkin, Grant; Laura, Richard; Layton, Michael; Le, Hong; Lee, Bert; Lee, David; Lee, Richard; Lee, Samson; Lee, Samuel; Leeds, Eric; Lennartz, Jay; Lesser, Mark; Lew, David; Lewis, Robert; Lipa, Christine; Lombard, Mark; Long, Chris; Lopez, Joseph; Lorson, Raymond; Louden, Patrick; Lubinski, John; Luehman, James; Lui, Christiana; Lukes, Robert; Lund, Louise; Lupold, Timothy; Lyons-Burke, Kathy; Ma, May; Madden, Patrick; Madison, Wil; Magruder, Stewart; Mamish, Nader; Markley, Michael; Marshall, Jane; Marshfield, Mark; Martin, Gillian; Masnik, Michael; Masse, Todd; Matheson, Mary; Mathew, Roy; Matthews, David; Mattingley, Joel; Maxin, Mark; Mayfield, Michael; McCann, Carrie; McConnell, Keith; McCoppin, Michael; McCoy, Gerald; McCrary, Cheryl; McCree, Victor; McDermott, Brian; McGhee, James; McGill, Clinton; McGinty, Tim; McGowan, Anna; McHale, John; McKelvey, Harold; McKenna, Eileen; McKenney, Christepher; McKirgan, John; McMillan, Joseph; McMurtray, Anthony; Mendiola, Anthony; Meyer, David; Michalak, Paul; Miller, Charles; Miller, Chris; Miller, Geoffrey; Miller, Marie; Miller, Mark; Miller, Michael; Miotla, Sherri; Mitchell, Matthew; Mitchell, Reggie; Mohseni, Aby; Monk, Robert; Monninger, John; Montgomery, Jack; Moore, Scott; Moore, Thomas; Moorman, James; Morris, Eddie; Morris, James; Morris, R. Michael; Morris, Scott; Morrissey, Thomas; Moulding, Patrick; Moy, Romena; Mrowca, Lynn; Muessle, Mary; Munday, Joel; Murphy, Jerome; Murphy, Martin; Musser, Randy; Narick, Marianne; Nazario, Tomy; Nease, Rebecca; Neff, Deborah; Nelson, Robert; Nichols, Russell; Nieh, Ho; Norato, Michael; Norris, Michael; Nute-Blackshear, Lora; OBrien, Kenneth; OBryan, Phil; O'Donohue, Kathleen; Offutt, David; Ogle, Chuck; OKeefe, Neil; Oklesson, Edward; Ordaz, Vonna; Orth, Steven; O'Sullivan, Kevin; Ott, William; Ousley, Elizabeth; Owens, Janice; Paradiso, Karen; Partlow, Benjamin; Pascarelli, Robert; Peck, Michael; Pederson, Cynthia; Pelke, Patricia; Pellet, John; Pelton, David; Peralta, Juan; Perry, Jamila; Perry, Neil; Persinko, Andrew; Peters, Sean; Peterson, Gordon; Peterson, Hironori; Pham, Bo; Phillips, Charles; Piccone, Josephine; Pool, Stephen; Poole, Brooke; Powell, Amy; Powell, Dawn; Powell, Raymond; Prescott, Peter; Pretzello, Andrew; Price, Georgette; Pruett, Troy; Pstrak, David; Pulliam, Timothy; Quay, Theodore; Quichocho, Jessie; Rabideau, Peter; Rahimi, Meraj; Raione, Richard; Rajnic, Cecilia; Ramirez, Frances; Rasmussen, Richard; Rasouli, Houman; Raspa, Rossana; Rayland, Andrew; Raymond, William; Reckley, William; Reddick, Darani; Reece, James; Regan, Christopher; Reis, Terrence; Remsburg, Kristy; Reynolds, Steven; Reynoso, John; Rheaume, Cynthia; Ricci, John; Rich, Daniel; Rich, Thomas; Richards, Stuart; Ricketts, Paul; Riemer, Kenneth; Ring, Mark; Roach, Edward; Roach, Gregory; Roberts, Darrell; Rodgers, Felecia; Rogge, John; Rosenberg, Stacey; Ross, Thierry; Ross-Lee, MaryJane; Rothschild, Trip; Rough, Richard; Rowhani, Bahman; Royal, Judith; Rubenstone, James; Rubic, Mark; Ruiz, Robert; Ruland, William; Rule, David; Rutkowski, John; Rutledge, Steven; Rzepka, Robert; Sabisch, Andrew; Safford, Carrie; Salgado, Nancy; Salley, MarkHenry; Salter, Susan; Sanchez, Alba; Sanchez, Alfred; Sangimino, Donna-Marie; Santiago, Patricia; Santos, Cayetano; Sargent, Kimberly; Satorius, Mark; Schaaf, Robert; Schaeffer, James; Schmidt, Rebecca; Schneider, Max; Schnetzler, Bonnie; Schoenmann, Sandra; Schroeder, Daniel; Schum, Constance; Scott, Catherine; Scott, Michael; Sealing, Donna; Segala, John; Serepca, Beth; Seymour, Deborah; Shaeffer, Scott; Shaffer, Steve; Shannon, Mel; Shannon, Michael; Sharkey, Jeffry; Shay, Jason; Shear, Gary; Shehee, James; Sheron, Brian; Shields, James; Shoop, Undine; Shuaibi, Mohammed; Silva, Patricia; Simms, Sophonia; Skeen, David; Skokowski, Richard; Smith, Arthur; Smith, Brian; Smith, Galen; Smith, Rich; Smith, Tuwanda; Solorio, Dave; Sosa, Belkys; Sotiropoulos, Dina; Spencer, Mary; Spindler, David; Spitzberg, Blair; StAmour, Norman; Stablein, King; Stapleton, Bernard; Stetson, Kathleen; Stewart, Scott; Stewart, Sharon; Stoedter, Karla; Stone, AnnMarie; Suber, Gregory; Subosits, Stephen; Sullivan, Allen; Swain, Karol; Sydnor, Russell; Sykes, Marvin; Szyperski, Bill; Tailleart, Don; Talley, Sandra; Tappert, John; Tate, Travis; Taylor, Robert; Tenaglia, Mickey; Terao, David; Terry, Leslie; Thaggard, Mark; Thomas, Brian; Thomas, Christopher; Thorp, John; Tonacci, Mark; Tracy, Glenn; Tran, Tu; Trapp, James; Travick, Vanette; Trent, Glenn; Tschiltz, Michael; Turner, Joseph; Turtil, Richard; Uhle, Jennifer; Ulses, Anthony; Usilton, William; Valentin, Andrea; Vegel, Anton; Vias, Steven; Vietti-Cook, Annette; Virgilio, Martin; VonTill, Bill; Voytko, Victoria; Walker, Tracy; Walker, Wayne; Wall, Scott; Warnick, Greg; Wastler, Sandra; Waters, Michael; Watson, Bruce; Weaver, Doug; Webber, Robert; Weber, Michael; Weerakkody, Sunil; Welling, Blake; Werkheiser, David; Werner, Greg; Wert, Leonard; West, Garmon; West, Steven; Westreich, Barry; Whetstine, Jack; White, Duncan; White, Darrell; Whited, Ryan; Whitten, Jack; Widdup, Joseph; Widmann, Malcolm; Wiggins, Jim; Williams, Barbara; Williams, Evelyn; Williams, Kevin; Williams, Michael; Williams, Mona; Williams-Johnson, Patrice; Williamson, Edward; Wilson, Ernest; Wilson, George; Wilson, Peter; Wood, Gene; Wood, Kent; Wright, Lisa (Gibney); Wrona, David; Wunder, George; Yerokun, Jimi; Young, Cale; Young, Mitzi; Zane, Steven; Zeiler, John; Zimmerman, Jacob; Zimmerman, Roy; Zobler, Marian
Cc: Scott, Tracy; Tallarico, Alison; Thoman, Raymond; Jones, Jackie; Blair, Tina; Chin, Allison; Dean, Vivian; Evans(HR), Marilyn; Himmelberg, Jude; Jackson, Briana; Jaigobind, Savi; Silberfeld, Dafna; Watson, Madonna; Williams, Michelle; Atkinson, Jeanne; Broadwater, Lynne; Brown, Keisa; Hicks, Beverly; Hicks, Valencia; Jonsson, Dawn; Lindsay, Sandy; Marziale, Riqueza; ORourke, Christine; Reeves, Gloria; Scott, Mary; Thomas-Richards, Karen; Todd, Colleen
Subject:

Managers, supervisors, team leaders, and T&L Coordinators,

Attached for your information is a document that addresses, in detail, work schedules and premium pay for individuals who serve in and support the NRC Operations Center or work in Japan, in response to the current, serious nuclear power plant issues in that country. NSIR and the NRC Japanese support team leader will provide the document to all participants.

T&L Coordinators, please note that participants in your organization may contact you to request a change in their HRMS workgroups for pay periods in which they perform emergency response work.

Participants should contact me if they have any questions on work schedules or premium pay.

Larry Davidson
Office of Human Resources
Nuclear Regulatory Commission
301-492-2286; lawrence.davidson@nrc.gov

WORK SCHEDULE AND PREMIUM PAY GUIDANCE FOR RESPONSE TO EVENTS IN JAPAN

Please first review this document and contact Larry Davidson of the Office of Human Resources (301-492-2286 or lawrence.davidson@nrc.gov) for any needed assistance.

Work Schedules

One or more types of work schedules may be appropriate during a pay period in which you serve in and support the NRC Operations Center or work in Japan, in response to the current, serious nuclear power plant issues in that country. You are authorized to select the type of work schedule you will work during the pay period depending on:

- Your specific workdays and work clocks hours in the Operations Center or in Japan, as well as any flexibility you have to choose those workdays and clock hours;
- Your entitlement to premium pay for work in the Operations Center or Japan;
- Your performance, if any, of regular duties outside of the Operations Center/Japan during the pay period; and,
- Your loss of earned credit hours if you switch from NEWFlex to another type of work schedule.

Possible work schedules include:

- Compressed work schedule – Appropriate if, during the entire pay period, your workdays and work clock hours are fixed (i.e., you do not have any flexibility to choose either) and there are fewer than ten nonovertime workdays in the pay period (at least one nonovertime workday contains more than eight nonovertime hours). Note that restrictions on nonovertime work clock hours and weekend workdays have been lifted for the pay period. An Expanded-Compressed Work Schedule may be appropriate (see the Yellow Announcement at http://www.internal.nrc.gov/announcements/yellow/2003/2003-032.html and Article 6.10.3 of the Collective Bargaining Agreement).
- NEWFlex - Appropriate if, during at least a portion of the pay period, you have some discretion to select your workdays and/or work clock hours (for example, if/when performing regular duties outside of the Operations Center or Japan). Note that restrictions on nonovertime work clock hours and weekend workdays have been lifted for the pay period.
- First-40 – Appropriate if it is impracticable to prescribe a regular schedule of definite hours of duty for each workday of the workweek (likely not appropriate).

Note that you must advise your T&L coordinator to change your HRMS workgroup if you change the type of schedule you work, e.g., if you normally work CWS and change to NEWFlex for the pay period in which you serve in and support the NRC Operations Center or work in Japan. Also note that if you switch from NEWFlex to another type of work schedule, you will lose and will be paid for any accumulated credit hours.

Also note that if you work fewer than 80 hours serving in and supporting the NRC Operations Center or working in Japan, your "home" supervisor will allow you discretion, to the extent possible, to decide how/when to cover any missing time.

Premium Pay

Cap on Combined Salary Plus Premium Pay –The biweekly cap on premium pay has been lifted and will be applied on an annual basis during any pay period in which you serve in and support the NRC Operations Center or work in Japan (the annual cap will benefit you if you are paid a salary below the GG-15 step 10 salary rate). Your organization has been advised to contact CFO with employee names and dates of work.

Overtime pay or regular comp time – Overtime (limited to the higher of: your regular rate; or, 150% of GG-10 step 10) is paid for your work in excess of your full-time work schedule during the pay period. You may choose to be compensated via regular compensatory time off instead (limited to a 40-hour pay period carryover) if your overtime work was not scheduled in advance of the workweek, or regardless of when it was scheduled if you are on NEWFlex.

TRCs – Use "OT" for overtime pay and "COMPE" for regular comp time.

Night premium (10%) –This premium is paid for your *nonovertime* work between 6:00 p.m. and 6:00 a.m. the following morning, and for your *overtime* work during these clock hours if the work was scheduled in advance of the week in which you performed it. Also, this premium is paid for your periods of paid leave, if any, during night clock hours if, during the pay period, you have fewer than 8 hours of total paid leave inclusive of both night and day work.

TRC – NDIFF (hours must also be recorded under another TRC such as REG or OT).

Sunday premium (25%) – This premium is paid for your *nonovertime* work performed on a shift(s), any part(s) of which falls on a Sunday (e.g., a shift from Saturday at 6:00 p.m. to Sunday at 6:00 a.m.). Sunday premium is not payable for periods of nonwork, including leave, holidays not worked, and excused absence.

TRC – SUNP (hours must also be recorded under another TRC such as REG).

Standby status - You are eligible for special overtime pay if you are restricted by official order to a designated post of duty and assigned to be in a state of readiness to perform work, versus actually performing work, with limitations on your activities so substantial that you cannot use

your time effectively for your own purposes. We do not anticipate that any employee will be in a standby status.

Miscellaneous

Employee Assistance Program (EAP)

Free, confidential counseling is available to you and your family members to address emotional issues, work problems, substance abuse, stress, crisis, marital/family concerns, financial matters, legal issues, eldercare resources, and childcare referrals. Call 1-800-869-0276 or check www.eapconsultants.com.

Travel

If you travel to/from Japan:

- Keep a log of specific travel times and work clock hours to help NRC compute your entitlement to compensation.

- Consider enrolling in the Smart Traveler Enrollment Program or STEP) to make it easier for the Embassy/Consulates to contact you in case of an emergency. You may enroll at https://travelregistration.state.gov, or if you have no internet access, directly at the U.S. Embassy or U.S. Consulates.

- If you are paid a salary below the GG-15 step 10 salary rate, you are entitled to overtime pay (limited to higher of: your regular rate; or, 150% of GG-10 step 10) for travel to/from Japan, and if the travel is during night hours (6:00 p.m. to 6:00 a.m.) and scheduled in advance of the workweek, you are also entitled to night premium pay. You may substitute regular compensatory time off (limited to a 40-hour pay period carryover) for overtime pay if your travel was not scheduled in advance of the workweek, or regardless of when it was scheduled if you are on NEWFlex.

  TRCs – Use "OT" for overtime pay, "COMPE" for regular comp time, and "NDIFF" for night premium pay.

Martin, Karnisha

From: Stovall, Scott
Sent: Tuesday, March 22, 2011 12:18 PM
To: Cook, Christopher; Li, Yong; Munson, Clifford
Cc: Karas, Rebecca
Subject: RE: data from Japan

To all

FYI, those records have a scale factor of 3920(gal)/6182761

Those records are scaled to

Scott P. Stovall Ph.D.
U.S. Nuclear Regulatory Commission
RES/DE/SGSEB
Office:C-05A08
Mail Stop: CSB-5A24M
(301) 251 - 7922

From: Cook, Christopher
Sent: Tuesday, March 22, 2011 11:57 AM
To: Li, Yong; Munson, Clifford
Cc: Stovall, Scott; Karas, Rebecca
Subject: data from Japan

Yong and Cliff,
Scott Stovall showed me a SA plot he generated for the Japanese plants based on the attached data. I the plots to Becky and she recommended I forward the data to you both for potential use in the Ops Center. I guess you're having troubles getting it.?

Attached (from Scott): time history for the instrument located at or near the Fukushima plant (Kent.txt) and the instrument that recorded the largest PGA (`NS_Lat_39_Long_141.txt`)

Thanks Scott!

Chris

D/2

From: Holahan, Gary
To: Grobe, Jack; Boger, Bruce
Cc: Johnson, Michael
Subject: FW: Internal use only - work activity
Date: Tuesday, March 22, 2011 12:29:41 PM

Bruce,
Jack,

NRO has been and will continue to support the Fukushima follow up, but we need to have a better system for reaching out for help. We can't have NRR Branch Chiefs contacting NRO staff directly and making assignments.

I can support B/C to B/C requests with Division Directors being informed (e.g. by e-mail cc ...) or other alternatives, if you have them ...

Only the Op Center (in an emergency) should be reaching directly to office staff .. that's reasonable and necessary.

If we need to establish or re-enforce some guidance, I'm ready to help.

Gary

From: Bergman, Thomas
Sent: Tuesday, March 22, 2011 12:14 PM
To: Norato, Michael; Dixon-Herrity, Jennifer
Cc: Terao, David; Rosales-Cooper, Cindy; Holahan, Gary; Williams, Donna
Subject: RE: Internal use only - work activity

Cindy needs to be kept informed of all support for Japan event. We are keeping track of who is helping. If there are impacts on NRO work we need to know.

Also, ask Rob to please coordinate with management in future. We intend to support Japan event but I have not been told there is a blanket authorization to reach out and grab whoever is desired; it still needs to be worked within the line. E.g., the desired person may have a big impact, we know of another alternative who could be even better, etc.

I will raise at our Thursday 8:30am meeting as to coordination of support and these ad hoc requests.

Thanks

From: Norato, Michael
Sent: Tuesday, March 22, 2011 11:36 AM

To: Bergman, Thomas; Dixon-Herrity, Jennifer
Cc: Terao, David
Subject: FW: Internal use only - work activity

Jen and Tom,

FYI...Greg Makar in CIB1 has been contacted by NRR to assist in the Japanese monitoring/assistance effort. Below is a brief summary of his efforts so far are below. Thanks.

mike

From: Makar, Gregory
Sent: Tuesday, March 22, 2011 11:28 AM
To: Terao, David; Norato, Michael
Subject: Internal use only - work activity

David, Mike,

I had a heads-up yesterday and today started participating with a group of other NRC materials engineers to support the evaluation of salt precipitation and corrosion concerns from pumping seawater into the Fukushima-Daiichi reactors. The request came to Rob Taylor (BC NRR/DCI/CSGB) from the NRC staff at the embassy in Japan. Paul Klein (CSGB) called me yesterday before he knew if this request would materialize. It did, and Paul sent me a 3-page summary of the sea water issues identified in recent discussions in Japan. I participated in a call this morning with Paul, Bob Hardies (NRR/DCI), Al Csontos (RES), and Rob Tregoning (RES). We discussed the assessment of the issues and Paul will provide our feedback through Rob Taylor. I'm not sure what, if anything, will come next.

We have not had direct contact with the people in Japan and don't know who prepared the summary of plant integrity issues that we received. I can give you some more information tomorrow.

In the meantime, here's what Paul told me yesterday: "Please treat this information as official use only, not to be shared without further discussions." He agreed today that I should let you know.

Greg

From: Holahan, Gary
To: Johnson, Michael
Subject: FW: MEDIA - FW: Power Engineering magazine request
Date: Tuesday, March 22, 2011 5:39:57 PM

From: Burnell, Scott
Sent: Tuesday, March 22, 2011 5:22 PM
To: Matthews, David; Akstulewicz, Frank; Holahan, Gary
Subject: FW: MEDIA - FW: Power Engineering magazine request

Gentlemen;

Any takers? Any interest at all?

Anybody? Bueller?

Thanks.

Scott

From: Brian Wheeler [mailto:BrianW@Pennwell.com]
Sent: Tuesday, March 22, 2011 5:17 PM
To: Couret, Ivonne
Subject: Power Engineering magazine request

Hi Ivonne,

I am putting together an article that is focusing on the safety features of Gen III and Gen III+ reactors. Such as, what safety improvements have been made when comparing Gen II reactors to the newer Gen III and Gen III+ reactors?

Would NRC be willing to comment on safety features that you all look for when vendors are trying to get a new reactor licensed? What safety features are needed today for new plants? And will the disaster in Japan play a role in safety, as far as the NRC is concerned for new reactors in the U.S.?

Thanks and I look forward to hearing from you,

Brian

Brian Wheeler
Associate Editor
Power Engineering magazine
Nuclear Power International magazine
Renewable Energy World North America magazine
1421 S. Sheridan
Tulsa, OK 74112-6600
(918) 832-9214 (direct)
(918) 831-9834 (fax)
BrianW@pennwell.com
www.powergenworldwide.com

D/4

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Candelario, Luissette

From: Cook, Christopher
Sent: Tuesday, March 22, 2011 1:24 PM
To: Bauer, Laurel; Bieganousky, Wayne; Candelario, Luissette; Cruz, Zahira; Devlin, Stephanie; Graizer, Vladimir; Karas, Rebecca; Li, Yong; Martin, Karnisha; Munson, Clifford; Plaza-Toledo, Meralis; Rodriguez, Ricardo; Seber, Dogan; Stieve, Alice; Stirewalt, Gerry; Tabatabai, Sarah; Thompson, Jenise; Vega, Frankie; Wang, Weijun; Xi, Zuhan
Subject: FW: Work Schedule and Pay Guidance for Responders to Japan Events
Attachments: Work Schedule and Premium Pay Guidance for Japan Response 3.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Resending this again...last time I sent it I didn't include the attachment.

From: Lauron, Carolyn
Sent: Tuesday, March 22, 2011 11:12 AM
To: NRO DSER Branch Chiefs
Cc: Flanders, Scott; Chokshi, Nilesh; Sweeney, Beverly
Subject: FYI: Work Schedule and Pay Guidance for Responders to Japan Events

Please share with staff as needed.

From: Applestein, Lisa
Sent: Tuesday, March 22, 2011 11:11 AM
To: Stirewalt, Gerry; Perin, Vanice; Williams, Donna; Rosales-Cooper, Cindy; Scarbrough, Thomas; Williams, Joseph; Chazell, Russell; Hale, Jerry; Hart, Michelle; Mazaika, Michael; Bloom, Steven; Stieve, Alice; Seber, Dogan; Karas, Rebecca; Munson, Clifford; Quinlan, Kevin; Brown, David; Devlin, Stephanie; Li, Yong; Barnhurst, Daniel; Tiruneh, Nebiyu; Fuller, Edward; Wunder, George; Gilmer, James; Chowdhury, Prosanta; Cervera, Margaret; McGovern, Denise; Jessie, Janelle
Cc: NRO_TA; Lo, Eileen
Subject: FW: Work Schedule and Pay Guidance for Responders to Japan Events

Please see attached to help clarify any issues on how to charge your time during the ops center response to the Japan Crisis. If you know someone who has done shift work at the ops center that is not on this list please forward this on to them.

Thank you,

Lisa D. Applestein
T&L Coordinator
NRO/PMDA/ITMB
T-6F35
Phone #: 301-415-6175

From: Jessie, Janelle
Sent: Monday, March 21, 2011 11:37 AM
To: Feizollahi, Lisa; Applestein, Lisa
Subject: FW: Work Schedule and Pay Guidance for Reponders to Japan Events

D15

Lisa,

Here is some helpful guidance that the ops center staff shared which explains how ndiff and sunp work.

JJ

From: OST01 HOC
Sent: Friday, March 18, 2011 5:06 AM
To: Abrams, Charlotte; Adams, John; Afshar-Tous, Mugeh; Alemu, Bezakulu; Alter, Peter; Anderson, James; Ashkeboussi, Nima; Baker, Stephen; Bergman, Thomas; Berry, Rollie; Bloom, Steven; Blount, Tom; Boger, Bruce; Bower, Anthony; Brandon, Lou; Brandt, Philip; Brock, Kathryn; Brown, Cris; Brown, David; Brown, Eva; Brown, Frederick; Bukharin, Oleg; Camper, Larry; Carpenter, Cynthia; Case, Michael; Casto, Greg; Cervera, Margaret; Chazell, Russell; Chen, Yen-Ju; Chokshi, Nilesh; Chowdhury, Prosanta; Circle, Jeff; Clement, Richard; Clinton, Rebecca; Collins, Frank; Cool, Donald; Costa, Arlon; Crutchley, Mary Glenn; Cruz, Zahira; Dacus, Eugene; DeCicco, Joseph; Decker, David; Dembek, Stephen; Devlin, Stephanie; Doane, Margaret; Dorman, Dan; Dozier, Jerry; Droggitis, Spiros; Dudek, Michael; Dudes, Laura; Emche, Danielle; English, Lance; Erlanger, Craig; Esmaili, Hossein; Figueroa, Roberto; Fiske, Jonathan; Franovich, Rani; Fuller, Edward; Galletta, Thomas; Gambone, Kimberly; Giitter, Joseph; Gordon, Dennis; Gott, William; Grant, Jeffery; Grobe, Jack; Hale, Jerry; Hardesty, Duane; Hart, Ken; Hart, Michelle; Hasselberg, Rick; Henderson, Karen; Hiland, Patrick; Holahan, Patricia; Holahan, Vincent; Holian, Brian; Huyck, Doug; Howard, Tabitha; Huffert, Anthony; Hurd, Sapna; Isom, James; Jackson, Karen; Jessie, Janelle; Johnson, Michael; Jolicoeur, John; Jones, Andrea; Jones, Cynthia; Kahler, Carolyn; Kammerer, Annie; Karas, Rebecca; Khan, Omar; Kowalczik, Jeffrey; Kozal, Jason; Kratchman, Jessica; Kugler, Andrew; Lamb, Christopher; Larson, Emily; LaVie, Steve; Lewis, Robert; Li, Yong; Lombard, Mark; Lubinski, John; Lynch, Jeffery; Mamish, Nader; Manahan, Michelle; Marksberry, Don; Marshall, Jane; Mayros, Lauren; Mazaika, Michael; McConnell, Keith; McCoppin, Michael; McDermott, Brian; McGinty, Tim; McMurtray, Anthony; Merritt, Christina; Meyer, Karen; Miller, Charles; Miller, Chris; Milligan, Patricia; Mohseni, Aby; Moore, Scott; Morlang, Gary; Morris, Scott; Mroz (Sahm), Sara; Munson, Clifford; Murray, Charles; Nerret, Amanda; Norris, Michael; Norton, Charles; Ordaz, Vonna; Padovan, Mark; Patel, Jay; Parillo, John; Pope, Tia; Purdy, Gary; Quinlan, Kevin; Ragland, Robert; Ralph, Melissa; Reed, Elizabeth; Reed, Wendy; Reis, Terrence; Riley (OCA), Timothy; Rini, Brett; Rodriguez-Luccioni, Hector; Rosenberg, Stacey; Ross-Lee, MaryJane; Roundtree, Amy; Ruland, William; Salay, Michael; Salus, Amy; Sanfilippo, Nathan; Scarbrough, Thomas; Schaperow, Jason; Schmidt, Duane; Schoenebeck, Greg; Schrader, Eric; Schwartzman, Jennifer; Seber, Dogan; Shane, Raeann; Shea, James; Shepherd, Jill; Sheron, Brian; Skeen, David; Sloan, Scott; Smiroldo, Elizabeth; Smith, Theodore; Stahl, Eric; Stang, Annette; Steger (Tucci), Christine; Stieve, Alice; Stone, Rebecca; Stransky, Robert; Sturz, Fritz; Sullivan, Randy; Sun, Casper; Tappert, John; Temple, Jeffrey; Thaggard, Mark; Thomas, Eric; Thorp, John; Tobin, Jennifer; Trefethen, Jean; Tschiltz, Michael; Turtil, Richard; Uhle, Jennifer; Valencia, Sandra; Vaughn, James; Vick, Lawrence; Wastler, Sandra; Watson, Bruce; Weber, Michael; Webber, Robert; White, Bernard; Wiggins, Jim; Williams, Donna; Williams, Joseph; Williamson, Linda; Willis, Dori; Wimbush, Andrea; Wittick, Brian; Wray, John; Wright, Lisa (Gibney); Wright, Ned; Wunder, George; Young, Francis; Zimmerman, Roy
Cc: OST02 HOC; OST01 HOC
Subject: Work Schedule and Pay Guidance for Reponders to Japan Events

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From: Davidson, Lawrence
Sent: Thursday, March 17, 2011 5:14 PM
To: OST02 HOC; McMurtray, Anthony
Cc: Evans, Michele; Johns, Nancy; Scott, Tracy; Tallarico, Alison
Subject: FW:

Please distribute to everyone who serves in and supports the Ops Center in response to the events in Japan...

From: Davidson, Lawrence
Sent: Thursday, March 17, 2011 2:06 PM
To: Abraham, Susan; Abrams, Charlotte; Ader, Charles; Akstulewicz, Frank; Albert, Ronald; Allwein, Russell; Alston, Timothy; Andersen, James; Anderson, Joseph; Armentrout, Deborah; Ash, Darren; Ash, Melissa; Astwood, Heather; Auluck, Rajender; Austin, Joseph; Ayres, David; Bahadur, Sher; Bailey, Marissa; Bailey, Stewart; Baker, Pamela; Banas,

Paul; Barss, Dan; Bartlett, Bruce; Bartley, Jonathan; Bartley, Malion; Batkin, Joshua; Baum, Robin; Bayliff, Shirley; Beardsley, James; Beasley, Benjamin; Bell, Hubert; Bell, Marvin; Bellamy, Ronald; Bellinger, Alesha; Benjamin, Jamie; Benner, Eric; Benney, Brian; Bergman, Thomas; Biggins, James; Bladey, Cindy; Blamey, Alan; Bloom, Steven; Bloomer, Tamara; Blount, Tom; Boger, Bruce; Boland, Anne; Bolduc, Angela; Bonser, Brian; Borchardt, Bill; Borden, William; Bouling, Ramona; Bower, Fred; Bower, Phyllis; Boyce, Tom (RES); Boyce, Thomas (OIS); Brady, Joseph; Brenner, Eliot; Brezovec, Michael; Broaddus, Doug; Brooks, Kenneth; Brown, Frederick; Brown, Tony; Brown, Milton; Brown, Rohn; Bubar, Patrice; Buchholz, Jeri; Buckley, Michael; Bumpass, Sheila; Burns, Stephen; Burritt, Arthur; Burton, Stephen; Burton, William; Bush-Goddard, Stephanie; Cain, Chuck; Caldwell, Robert; Calle, Joselito; Cameron, Jamnes; Campbell, Andy; Campbell, Larry; Campbell, Stephen; Campbell, Vivian; Camper, Larry; Caniano, Roy; Cardenas, Daniel; Carlson, Robert; Carpenter, Cynthia; Case, Michael; Casto, Chuck; Casto, Greg; Cataldo, Paul; Catts, Michelle; Champion, Bryan; Chang, Helen; Chang, Lydia; Cheok, Michael; Chernoff, Harold; Chernoff, Margaret; Chokshi, Nilesh; Christensen, Harold; Clark, Jeff; Clay, Earnestine; Clayton, Brent; Clifford, James; Cobey, Eugene; Cochrum, Steven; Coe, Doug; Cohen, Miriam; Cohen, Ronald; Cohen, Stephen; Colaccino, Joseph; Coleman, Judy; Collins, Daniel; Collins, Elmo; Conte, Richard; Cook, Christopher; Corbett, James; Cordes, John; Correia, Richard; Costello, Ralph; Coyne, Kevin; Croteau, Rick; Crowe, Eddy; Cruz, Jeffrey; Csontos, Aladar; Cubbage, Amy; Cubellis, Louis; Cullison, David; Curtis, David; Daley, Robert; Daly, Jill; Dambly, Jan; Daniel, Susan; Danna, James; Dapas, Marc; Davis, Henry; Davis, Jack; Davis, Marlone; Dean, Michael; Dean, Bill; Dehn, Janine; Delligatti, Mark; Dembek, Stephen; Demoss, Gary; Dennig, Robert; Dentel, Glenn; Desai, Binoy; Dias, Antonio; Diaz-Toro, Diana; Dickson, Billy; Dingbaum, Stephen; DiPaolo, Eugene; Dixon, John; Dixon-Herrity, Jennifer; Doane, Margaret; Dodmead, James; Doerflein, Lawrence; Donaldson, Leslie; Donnell, Tremaine; Donoghue, Joseph; Doornbos, Roger; Dorman, Dan; Dorsey, Jeryll; Dosch, William; Dreisbach, Jason; Droggitis, Spiros; Dudes, Laura; Dumbacher, David; Duncan, Eric; Dwyer, James; Dyer, Jim; Eads, Johnny; Easson, Pamela; Egan, Dennis; Egli, Richard; Einberg, Christian; Elkins, Scott; Ellegood, John; Elliott, Robert; Ellsbury, Richard; Erlanger, Craig; Ernstes, Michael; Brown, Cris; Evans, Carolyn; 'Michele.ca@nrc.gov'; Farnholtz, Thomas; Felts, Russell; Fenton, Darlene; Ferdas, Marc; Ferrell, Kimberly; Ficks, Ben; Fields, Leslie; Finney, Patrick; Fitch, Karen; Flanders, Scott; Flynn, Sean; Foster, Jack; Franke, Mark; Franovich, Rani; Fredericks, Carl; Freeman, Scott; Fretz, Robert; Frumkin, Daniel; Frye, Timothy; Fuller, Michael; Gaddy, Vincent; Gallo, Jenny; Galloway, Melanie; Gartman, Michael; Gavrilas, Mirela; Giantelli, Adelaide; Gibson, Kathy; Giessner, John; Giitter, Joseph; Givvines, Mary; Gody, Tony; Golder, Jennifer; Golshan, KG; Gorham, Tajuan; Gott, William; Graham, Thorne; Grancorvitz, Teresa; Grant, Jeffery; Graser, Dan; Gray, Mel; Greene, Kathryn; Grice, Thomas; Griffin, Steven; Grobe, Jack; Hawkins, Kimberly; Gusack, Barbara; Guthrie, Eugene; Guttmann, Jack; Haag, Robert; Habighorst, Peter; Hackett, Edwin; Haeg, Lucas; Haire, Mark; Hall, Donald; Hall, Patricia; Hamzehee, Hossein; Haney, Catherine; Hansell, Samuel; Harris, Tim; Harrison, Donnie; Hatchett, Gregory; Hawkens, Roy; Hay, Michael; Hayden, Elizabeth; Hays, Myra; Heck, James; Heck, Jared; Helton, Shana; Henderson, Pamela; Hickey, James; Hiland, Patrick; Hills, David; Hilton, Nick; Hiltz, Thomas; Hirsch, Patricia; Hoeg, Tim; Hogan, Rosemary; Holahan, Gary; Holahan, Patricia; Holian, Brian; Holland, Crystal; Holody, Daniel; Holonich, Joseph; Holt, BJ; Hopper, George; Howard, Patrick; Howe, Allen; Howell, Art; Howell, Linda; Hoxie, Chris; Hsia, Anthony; Hsu, Caroline; Hsueh, Kevin; Huber, Deborah; Hudson, Jody; Humerick, David; Hunegs, Gordon; Hunter, James; Huth, Virginia; Hutto, Andy; Huyck, Doug; Imboden, Andy; Itzkowitz, Marvin; Jackson, Deborah; Jackson, Donald; Jackson, Terry; James, Lois; Jankovich, John; Janney, Margie; Jarvis, Rodney; Jenkins, Ronaldo; Jernell, Eleni; Johns, Nancy; Johnson, Michael; Johnson, Clay; Johnson, Robert; Jolicoeur, John; Jones, Bradley; Jones, Evan; Jones, William; Josey, Jeffrey; Joustra, Judith; Julian, Emile; Jung, Ian; Junge, Michael; Kahler, Robert; Kaplan, Michele; Karas, Rebecca; Kellar, Ray; Kelley, Corenthis; Kemerer, Myron; Kemker, Brian; Kennedy, Kriss; Kennedy, Silas; Kerben, Valerie; Kern, David; Khanna, Meena; Kim, Yong; Kimble, Daniel; King, Donald; King, Michael; Kinneman, John; Kirkland, John; Kirkwood, Sara; Klein, Alex; Knutson, Ed; Kobetz, Timothy; Kokajko, Lawrence; Kolaczyk, Kenneth; Konzman, Carl; Koshy, Thomas; Kowal, Mark; Kramer, John; Krohn, Paul; Krsek, Robert; Krupnick, David; Kulesa, Gloria; Kulp, Jeffrey; Kunowski, Michael; Lam, Donna; Lambert, Kenneth; Landau, Mindy; Langan, Scott; Lankford, Jeffrey; Lantz, Ryan; Lara, Julio; Larkin, Grant; Laura, Richard; Layton, Michael; Le, Hong; Lee, Bert; Lee, David; Lee, Richard; Lee, Samson; Lee, Samuel; Leeds, Eric; Lennartz, Jay; Lesser, Mark; Lew, David; Lewis, Robert; Lipa, Christine; Lombard, Mark; Long, Chris; Lopez, Joseph; Lorson, Raymond; Louden, Patrick; Lubinski, John; Luehman, James; Lui, Christiana; Lukes, Robert; Lund, Louise; Lupold, Timothy; Lyons-Burke, Kathy; Ma, May; Madden, Patrick; Madison, Wil; Magruder, Stewart; Mamish, Nader; Markley, Michael; Marshall, Jane; Marshfield, Mark; Martin, Gillian; Masnik, Michael; Masse, Todd; Matheson, Mary; Mathew, Roy; Matthews, David; Mattingley, Joel; Maxin, Mark; Mayfield, Michael; McCann, Carrie; McConnell, Keith; McCoppin, Michael; McCoy, Gerald; McCrary, Cheryl; McCree, Victor; McDermott, Brian; McGhee, James; McGill, Clinton; McGinty, Tim; McGowan, Anna; McHale, John; McKelvey, Harold; McKenna, Eileen; McKenney, Christepher; McKirgan, John; McMillan, Joseph; McMurtray, Anthony; Mendiola, Anthony; Meyer, David; Michalak, Paul; Miller, Charles; Miller, Chris; Miller, Geoffrey; Miller, Marie; Miller, Mark; Miller, Michael; Miotla, Sherri; Mitchell, Matthew; Mitchell, Reggie; Mohseni, Aby; Monk, Robert; Monninger, John; Montgomery, Jack; Moore, Scott; Moore, Thomas; Moorman, James; Morris, Eddie; Morris, James; Morris, R. Michael; Morris, Scott; Morrissey, Thomas; Moulding, Patrick; Moy, Romena; Mrowca, Lynn; Muessle, Mary; Munday, Joel; Murphy, Jerome; Murphy, Martin; Musser, Randy; Narick, Marianne; Nazario, Tomy; Nease, Rebecca; Neff, Deborah; Nelson,

Robert; Nichols, Russell; Nieh, Ho; Norato, Michael; Norris, Michael; Nute-Blackshear, Lora; OBrien, Kenneth; OBryan, Phil; O'Donohue, Kathleen; Offutt, David; Ogle, Chuck; OKeefe, Neil; Oklesson, Edward; Ordaz, Vonna; Orth, Steven; O'Sullivan, Kevin; Ott, William; Ousley, Elizabeth; Owens, Janice; Paradiso, Karen; Partlow, Benjamin; Pascarelli, Robert; Peck, Michael; Pederson, Cynthia; Pelke, Patricia; Pellet, John; Pelton, David; Peralta, Juan; Perry, Jamila; Perry, Neil; Persinko, Andrew; Peters, Sean; Peterson, Gordon; Peterson, Hironori; Pham, Bo; Phillips, Charles; Piccone, Josephine; Pool, Stephen; Poole, Brooke; Powell, Amy; Powell, Dawn; Powell, Raymond; Prescott, Peter; Pretzello, Andrew; Price, Georgette; Pruett, Troy; Pstrak, David; Pulliam, Timothy; Quay, Theodore; Quichocho, Jessie; Rabideau, Peter; Rahimi, Meraj; Raione, Richard; Rajnic, Cecilia; Ramirez, Frances; Rasmussen, Richard; Rasouli, Houman; Raspa, Rossana; Rayland, Andrew; Raymond, William; Reckley, William; Reddick, Darani; Reece, James; Regan, Christopher; Reis, Terrence; Remsburg, Kristy; Reynolds, Steven; Reynoso, John; Rheaume, Cynthia; Ricci, John; Rich, Daniel; Rich, Thomas; Richards, Stuart; Ricketts, Paul; Riemer, Kenneth; Ring, Mark; Roach, Edward; Roach, Gregory; Roberts, Darrell; Rodgers, Felecia; Rogge, John; Rosenberg, Stacey; Ross, Thierry; Ross-Lee, MaryJane; Rothschild, Trip; Rough, Richard; Rowhani, Bahman; Royal, Judith; Rubenstone, James; Rubic, Mark; Ruiz, Robert; Ruland, William; Rule, David; Rutkowski, John; Rutledge, Steven; Rzepka, Robert; Sabisch, Andrew; Safford, Carrie; Salgado, Nancy; Salley, MarkHenry; Salter, Susan; Sanchez, Alba; Sanchez, Alfred; Sangimino, Donna-Marie; Santiago, Patricia; Santos, Cayetano; Sargent, Kimberly; Satorius, Mark; Schaaf, Robert; Schaeffer, James; Schmidt, Rebecca; Schneider, Max; Schnetzler, Bonnie; Schoenmann, Sandra; Schroeder, Daniel; Schum, Constance; Scott, Catherine; Scott, Michael; Sealing, Donna; Segala, John; Serepca, Beth; Seymour, Deborah; Shaeffer, Scott; Shaffer, Steve; Shannon, Mel; Shannon, Michael; Sharkey, Jeffry; Shay, Jason; Shear, Gary; Shehee, James; Sheron, Brian; Shields, James; Shoop, Undine; Shuaibi, Mohammed; Silva, Patricia; Simms, Sophonia; Skeen, David; Skokowski, Richard; Smith, Arthur; Smith, Brian; Smith, Galen; Smith, Rich; Smith, Tuwanda; Solorio, Dave; Sosa, Belkys; Sotiropoulos, Dina; Spencer, Mary; Spindler, David; Spitzberg, Blair; StAmour, Norman; Stablein, King; Stapleton, Bernard; Stetson, Kathleen; Stewart, Scott; Stewart, Sharon; Stoedter, Karla; Stone, AnnMarie; Suber, Gregory; Subosits, Stephen; Sullivan, Allen; Swain, Karol; Sydnor, Russell; Sykes, Marvin; Szyperski, Bill; Tailleart, Don; Talley, Sandra; Tappert, John; Tate, Travis; Taylor, Robert; Tenaglia, Mickey; Terao, David; Terry, Leslie; Thaggard, Mark; Thomas, Brian; Thomas, Christopher; Thorp, John; Tonacci, Mark; Tracy, Glenn; Tran, Tu; Trapp, James; Travick, Vanette; Trent, Glenn; Tschiltz, Michael; Turner, Joseph; Turtil, Richard; Uhle, Jennifer; Ulses, Anthony; Usilton, William; Valentin, Andrea; Vegel, Anton; Vias, Steven; Vietti-Cook, Annette; Virgilio, Martin; VonTill, Bill; Voytko, Victoria; Walker, Tracy; Walker, Wayne; Wall, Scott; Warnick, Greg; Wastler, Sandra; Waters, Michael; Watson, Bruce; Weaver, Doug; Webber, Robert; Weber, Michael; Weerakkody, Sunil; Welling, Blake; Werkheiser, David; Werner, Greg; Wert, Leonard; West, Garmon; West, Steven; Westreich, Barry; Whetstine, Jack; White, Duncan; White, Darrell; Whited, Ryan; Whitten, Jack; Widdup, Joseph; Widmann, Malcolm; Wiggins, Jim; Williams, Barbara; Williams, Evelyn; Williams, Kevin; Williams, Michael; Williams, Mona; Williams-Johnson, Patrice; Williamson, Edward; Wilson, Ernest; Wilson, George; Wilson, Peter; Wood, Gene; Wood, Kent; Wright, Lisa (Gibney); Wrona, David; Wunder, George; Yerokun, Jimi; Young, Cale; Young, Mitzi; Zane, Steven; Zeiler, John; Zimmerman, Jacob; Zimmerman, Roy; Zobler, Marian
Cc: Scott, Tracy; Tallarico, Alison; Thoman, Raymond; Jones, Jackie; Blair, Tina; Chin, Allison; Dean, Vivian; Evans(HR), Marilyn; Himmelberg, Jude; Jackson, Briana; Jaigobind, Savi; Silberfeld, Dafna; Watson, Madonna; Williams, Michelle; Atkinson, Jeanne; Broadwater, Lynne; Brown, Keisa; Hicks, Beverly; Hicks, Valencia; Jonsson, Dawn; Lindsay, Sandy; Marziale, Riqueza; ORourke, Christine; Reeves, Gloria; Scott, Mary; Thomas-Richards, Karen; Todd, Colleen
Subject:

Managers, supervisors, team leaders, and T&L Coordinators,

Attached for your information is a document that addresses, in detail, work schedules and premium pay for individuals who serve in and support the NRC Operations Center or work in Japan, in response to the current, serious nuclear power plant issues in that country. NSIR and the NRC Japanese support team leader will provide the document to all participants.

T&L Coordinators, please note that participants in your organization may contact you to request a change in their HRMS workgroups for pay periods in which they perform emergency response work.

Participants should contact me if they have any questions on work schedules or premium pay.

Larry Davidson
Office of Human Resources
Nuclear Regulatory Commission

301-492-2286; lawrence.davidson@nrc.gov

WORK SCHEDULE AND PREMIUM PAY GUIDANCE FOR RESPONSE TO EVENTS IN JAPAN

Please first review this document and contact Larry Davidson of the Office of Human Resources (301-492-2286 or lawrence.davidson@nrc.gov) for any needed assistance.

Work Schedules

One or more types of work schedules may be appropriate during a pay period in which you serve in and support the NRC Operations Center or work in Japan, in response to the current, serious nuclear power plant issues in that country. You are authorized to select the type of work schedule you will work during the pay period depending on:

- Your specific workdays and work clocks hours in the Operations Center or in Japan, as well as any flexibility you have to choose those workdays and clock hours;
- Your entitlement to premium pay for work in the Operations Center or Japan;
- Your performance, if any, of regular duties outside of the Operations Center/Japan during the pay period; and,
- Your loss of earned credit hours if you switch from NEWFlex to another type of work schedule.

Possible work schedules include:

- Compressed work schedule – Appropriate if, during the entire pay period, your workdays and work clock hours are fixed (i.e., you do not have any flexibility to choose either) and there are fewer than ten nonovertime workdays in the pay period (at least one nonovertime workday contains more than eight nonovertime hours). Note that restrictions on nonovertime work clock hours and weekend workdays have been lifted for the pay period. An Expanded-Compressed Work Schedule may be appropriate (see the Yellow Announcement at http://www.internal.nrc.gov/announcements/yellow/2003/2003-032.html and Article 6.10.3 of the Collective Bargaining Agreement).
- NEWFlex - Appropriate if, during at least a portion of the pay period, you have some discretion to select your workdays and/or work clock hours (for example, if/when performing regular duties outside of the Operations Center or Japan). Note that restrictions on nonovertime work clock hours and weekend workdays have been lifted for the pay period.
- First-40 – Appropriate if it is impracticable to prescribe a regular schedule of definite hours of duty for each workday of the workweek (likely not appropriate).

Note that you must advise your T&L coordinator to change your HRMS workgroup if you change the type of schedule you work, e.g., if you normally work CWS and change to NEWFlex for the pay period in which you serve in and support the NRC Operations Center or work in Japan. Also note that if you switch from NEWFlex to another type of work schedule, you will lose and will be paid for any accumulated credit hours.

Also note that if you work fewer than 80 hours serving in and supporting the NRC Operations Center or working in Japan, your "home" supervisor will allow you discretion, to the extent possible, to decide how/when to cover any missing time.

Premium Pay

Cap on Combined Salary Plus Premium Pay –The biweekly cap on premium pay has been lifted and will be applied on an annual basis during any pay period in which you serve in and support the NRC Operations Center or work in Japan (the annual cap will benefit you if you are paid a salary below the GG-15 step 10 salary rate). Your organization has been advised to contact CFO with employee names and dates of work.

Overtime pay or regular comp time – Overtime (limited to the higher of: your regular rate; or, 150% of GG-10 step 10) is paid for your work in excess of your full-time work schedule during the pay period. You may choose to be compensated via regular compensatory time off instead (limited to a 40-hour pay period carryover) if your overtime work was not scheduled in advance of the workweek, or regardless of when it was scheduled if you are on NEWFlex.

TRCs – Use "OT" for overtime pay and "COMPE" for regular comp time.

Night premium (10%) –This premium is paid for your *nonovertime* work between 6:00 p.m. and 6:00 a.m. the following morning, and for your *overtime* work during these clock hours if the work was scheduled in advance of the week in which you performed it. Also, this premium is paid for your periods of paid leave, if any, during night clock hours if, during the pay period, you have fewer than 8 hours of total paid leave inclusive of both night and day work.

TRC – NDIFF (hours must also be recorded under another TRC such as REG or OT).

Sunday premium (25%) – This premium is paid for your *nonovertime* work performed on a shift(s), any part(s) of which falls on a Sunday (e.g., a shift from Saturday at 6:00 p.m. to Sunday at 6:00 a.m.). Sunday premium is not payable for periods of nonwork, including leave, holidays not worked, and excused absence.

TRC – SUNP (hours must also be recorded under another TRC such as REG).

Standby status - You are eligible for special overtime pay if you are restricted by official order to a designated post of duty and assigned to be in a state of readiness to perform work, versus actually performing work, with limitations on your activities so substantial that you cannot use

your time effectively for your own purposes. We do not anticipate that any employee will be in a standby status.

Miscellaneous

Employee Assistance Program (EAP)

Free, confidential counseling is available to you and your family members to address emotional issues, work problems, substance abuse, stress, crisis, marital/family concerns, financial matters, legal issues, eldercare resources, and childcare referrals. Call 1-800-869-0276 or check www.eapconsultants.com.

Travel

If you travel to/from Japan:

- Keep a log of specific travel times and work clock hours to help NRC compute your entitlement to compensation.

- Consider enrolling in the Smart Traveler Enrollment Program or STEP) to make it easier for the Embassy/Consulates to contact you in case of an emergency. You may enroll at https://travelregistration.state.gov, or if you have no internet access, directly at the U.S. Embassy or U.S. Consulates.

- If you are paid a salary below the GG-15 step 10 salary rate, you are entitled to overtime pay (limited to higher of: your regular rate; or, 150% of GG-10 step 10) for travel to/from Japan, and if the travel is during night hours (6:00 p.m. to 6:00 a.m.) and scheduled in advance of the workweek, you are also entitled to night premium pay. You may substitute regular compensatory time off (limited to a 40-hour pay period carryover) for overtime pay if your travel was not scheduled in advance of the workweek, or regardless of when it was scheduled if you are on NEWFlex.

  TRCs – Use "OT" for overtime pay, "COMPE" for regular comp time, and "NDIFF" for night premium pay.

Makar, Gregory

From: Makar, Gregory
Sent: Tuesday, March 22, 2011 12:37 PM
To: Klein, Paul; Taylor, Robert
Cc: Tregoning, Robert; Csontos, Aladar; Hardies, Robert
Subject: RE: Staff Comments on Issues Related to Sea Water in a BWR Plant

Paul, Rob,

I appreciate Paul's good summary of our call this morning. Rob Tregoning pointed out our suggestion of verifying the calculations, and I just wanted to add that this should include the input assumptions. (I say this because they determined the solids percentage from a seawater specific gravity of 1.03. Every discussion of seawater I've seen lists the salinity at 3.5% with little variation. They may be underestimating the potential for precipitation of solids.)

Thanks,
Greg

From: Klein, Paul
Sent: Tuesday, March 22, 2011 11:38 AM
To: Taylor, Robert
Cc: Tregoning, Robert; Csontos, Aladar; Hardies, Robert; Makar, Gregory; Klein, Paul
Subject: Staff Comments on Issues Related to Sea Water in a BWR Plant

Rob,

In the interest of timeliness I am forwarding a summary of our phone call discussion this morning. Since the team has not reviewed this document, I ask all on distribution to review and make any additional comments as needed. Thanks for the rapid support this morning!

Paul

Paul Klein
USNRC
301-415-4030

D/6

Staff Comments - "Issues Related to Sea Water in a BWR Plant"

NRC staff discussed the subject paper during a 3/22/11 conference call. Participants included: NRR/DCI – R. Hardies, P. Klein; RES/DE - R.Tregoning, A. Csontos; NRO – G. Makar.

Comments on "Thermal Hydraulic Issues"

- NRC staff concurs with the paper's statement that **at the earliest opportunity, fresh water sources for cooling flow should be employed at maximum rates** due to concerns about accumulation of salts interfering with heat removal from the core.

- In addition to precipitation of salts, analysis of precipitation volumes should consider other solid species introduced into the reactor vessel if unfiltered seawater and boric acid is being injected. Examples would include marine organisms, debris, and the total quantity of boric acid added.

Comments on Plant Integrity Issues

- The NRC staff concurs that given seawater introduction, stress corrosion cracking of stainless steel welds will quickly initiate.

- The cracking rates on the order of 0.001 inch per day listed in the paper appear reasonably consistent with NRC information in concentrated boric acid conditions. Crack growth rates are dependent on local conditions, however, and the growth rate in hot brine solution in the presence of precipitated salts may be higher.

- If cooling loops are returned to service, heat exchangers may experience a rapid degradation in capacity due to salt precipitation in the lower temperature heat exchanger and the potential for corrosion/SCC of the heat exchanger materials.

- Corrosion of the pressure vessel steel may occur but is not a primary concern.

Terao, David

From: Klein, Paul
Sent: Tuesday, March 22, 2011 1:32 PM
To: Mendiola, Anthony; Ward, Leonard; Taylor, Robert
Cc: Tregoning, Robert; Hardies, Robert; Makar, Gregory; Klein, Paul; Csontos, Aladar
Subject: Feedback on Issues Related to Sea Water in a BWR Plant
Attachments: Staff Comments, Sea Water in BWR Plant.docx

Tony,

Rob Taylor requested I send our comments (from the staff on cc distribution) on the subject paper to you. Please see the attached file.

Paul Klein
USNRC
301-415-4030

ל/ד

NRC Staff Comments - "Issues Related to Sea Water in a BWR Plant"

NRC staff discussed the subject paper during a 3/22/11 conference call. Participants included: NRR/DCI – R. Hardies, P. Klein; RES/DE - R.Tregoning, A. Csontos; NRO/DE – G. Makar.

Comments on "Thermal Hydraulic Issues"

- NRC staff concurs with the paper's statement that **at the earliest opportunity, fresh water sources for cooling flow should be employed at maximum rates** due to concerns about accumulation of salts interfering with heat removal from the core.

- In addition to precipitation of salts, analysis of precipitation volumes should consider other solid species introduced into the reactor vessel if unfiltered seawater and boric acid is being injected. Examples would include marine organisms, debris, and the total quantity of boric acid added.

- The document states that 52 tons of solids (primarily NaCl) collected into a dense precipitate would fill up only about the bottom 3 feet of the 70 foot plus tall pressure vessel. This discussion may also want to address the maximum height that solids could reach before the cooling water injection process or core heat removal was affected.

Comments on Plant Integrity Issues

- The NRC staff concurs that given seawater introduction, stress corrosion cracking of stainless steel welds will quickly initiate.

- The cracking rates on the order of 0.001 inch per day listed in the paper appear reasonably consistent with NRC information in concentrated boric acid conditions. Crack growth rates are dependent on local conditions, however, and the growth rate in hot brine solution in the presence of precipitated salts may be higher.

- If cooling loops are returned to service, heat exchangers may experience a rapid degradation in capacity due to salt precipitation in the lower temperature heat exchanger and the potential for corrosion/SCC of the heat exchanger materials. Heat exchanger plugging with salt is more likely if recirculation is restored prior to flushing the system to remove as much as salt water as possible.

- Corrosion of the pressure vessel steel may occur but is not a primary concern.

General

- We did not perform a check on either the inputs or the calculations in this document and recommend that they be verified (if they haven't already) by an independent or additional party. For example, the document states that seawater contains about 3% dissolved

solids. Average salinity of seawater is 3.5%; however, site specific data should be available for calculation purposes.

- There is a disconnect in the sentences linking the first and second pages of the three page document. It is unknown if this is a typographical error or a missing page.

Rosales-Cooper, Cindy

From: Applestein, Lisa
Sent: Tuesday, March 22, 2011 11:11 AM
To: Stirewalt, Gerry; Perin, Vanice; Williams, Donna; Rosales-Cooper, Cindy; Scarbrough, Thomas; Williams, Joseph; Chazell, Russell; Hale, Jerry; Hart, Michelle; Mazaika, Michael; Bloom, Steven; Stieve, Alice; Seber, Dogan; Karas, Rebecca; Munson, Clifford; Quinlan, Kevin; Brown, David; Devlin, Stephanie; Li, Yong; Barnhurst, Daniel; Tiruneh, Nebiyu; Fuller, Edward; Wunder, George; Gilmer, James; Chowdhury, Prosanta; Cervera, Margaret; McGovern, Denise; Jessie, Janelle
Cc: NRO_TA; Lo, Eileen
Subject: FW: Work Schedule and Pay Guidance for Responders to Japan Events
Attachments: Work Schedule and Premium Pay Guidance for Japan Response 3.docx

Please see attached to help clarify any issues on how to charge your time during the ops center response to the Japan Crisis. If you know someone who has done shift work at the ops center that is not on this list please forward this on to them.

Thank you,

Lisa D. Applestein
T&L Coordinator
NRO/PMDA/ITMB
T-6F35
Phone #: 301-415-6175

From: Jessie, Janelle
Sent: Monday, March 21, 2011 11:37 AM
To: Feizollahi, Lisa; Applestein, Lisa
Subject: FW: Work Schedule and Pay Guidance for Reponders to Japan Events

Lisa,

Here is some helpful guidance that the ops center staff shared which explains how ndiff and sunp work.

JJ

From: OST01 HOC
Sent: Friday, March 18, 2011 5:06 AM
To: Abrams, Charlotte; Adams, John; Afshar-Tous, Mugeh; Alemu, Bezakulu; Alter, Peter; Anderson, James; Ashkeboussi, Nima; Baker, Stephen; Bergman, Thomas; Berry, Rollie; Bloom, Steven; Blount, Tom; Boger, Bruce; Bower, Anthony; Brandon, Lou; Brandt, Philip; Brock, Kathryn; Brown, Cris; Brown, David; Brown, Eva; Brown, Frederick; Bukharin, Oleg; Camper, Larry; Carpenter, Cynthia; Case, Michael; Casto, Greg; Cervera, Margaret; Chazell, Russell; Chen, Yen-Ju; Chokshi, Nilesh; Chowdhury, Prosanta; Circle, Jeff; Clement, Richard; Clinton, Rebecca; Collins, Frank; Cool, Donald; Costa, Arlon; Crutchley, Mary Glenn; Cruz, Zahira; Dacus, Eugene; DeCicco, Joseph; Decker, David; Dembek, Stephen; Devlin, Stephanie; Doane, Margaret; Dorman, Dan; Dozier, Jerry; Droggitis, Spiros; Dudek, Michael; Dudes, Laura; Emche, Danielle; English, Lance; Erlanger, Craig; Esmaili, Hossein; Figueroa, Roberto; Fiske, Jonathan; Franovich, Rani; Fuller, Edward; Galletta, Thomas; Gambone, Kimberly; Giitter, Joseph; Gordon, Dennis; Gott, William; Grant, Jeffery; Grobe, Jack; Hale, Jerry; Hardesty, Duane; Hart, Ken; Hart, Michelle; Hasselberg, Rick; Henderson, Karen; Hiland, Patrick; Holahan, Patricia; Holahan, Vincent; Holian, Brian; Huyck, Doug; Howard, Tabitha; Huffert, Anthony; Hurd, Sapna; Isom, James; Jackson, Karen; Jessie, Janelle; Johnson, Michael; Jolicoeur, John; Jones, Andrea; Jones, Cynthia;

D/8

Kahler, Carolyn; Kammerer, Annie; Karas, Rebecca; Khan, Omar; Kowalczik, Jeffrey; Kozal, Jason; Kratchman, Jessica; Kugler, Andrew; Lamb, Christopher; Larson, Emily; LaVie, Steve; Lewis, Robert; Li, Yong; Lombard, Mark; Lubinski, John; Lynch, Jeffery; Mamish, Nader; Manahan, Michelle; Marksberry, Don; Marshall, Jane; Mayros, Lauren; Mazaika, Michael; McConnell, Keith; McCoppin, Michael; McDermott, Brian; McGinty, Tim; McMurtray, Anthony; Merritt, Christina; Meyer, Karen; Miller, Charles; Miller, Chris; Milligan, Patricia; Mohseni, Aby; Moore, Scott; Morlang, Gary; Morris, Scott; Mroz (Sahm), Sara; Munson, Clifford; Murray, Charles; Nerret, Amanda; Norris, Michael; Norton, Charles; Ordaz, Vonna; Padovan, Mark; Patel, Jay; Parillo, John; Pope, Tia; Purdy, Gary; Quinlan, Kevin; Ragland, Robert; Ralph, Melissa; Reed, Elizabeth; Reed, Wendy; Reis, Terrence; Riley (OCA), Timothy; Rini, Brett; Rodriguez-Luccioni, Hector; Rosenberg, Stacey; Ross-Lee, MaryJane; Roundtree, Amy; Ruland, William; Salay, Michael; Salus, Amy; Sanfilippo, Nathan; Scarbrough, Thomas; Schaperow, Jason; Schmidt, Duane; Schoenebeck, Greg; Schrader, Eric; Schwartzman, Jennifer; Seber, Dogan; Shane, Raeann; Shea, James; Shepherd, Jill; Sheron, Brian; Skeen, David; Sloan, Scott; Smiroldo, Elizabeth; Smith, Theodore; Stahl, Eric; Stang, Annette; Steger (Tucci), Christine; Stieve, Alice; Stone, Rebecca; Stransky, Robert; Sturz, Fritz; Sullivan, Randy; Sun, Casper; Tappert, John; Temple, Jeffrey; Thaggard, Mark; Thomas, Eric; Thorp, John; Tobin, Jennifer; Trefethen, Jean; Tschiltz, Michael; Turtil, Richard; Uhle, Jennifer; Valencia, Sandra; Vaughn, James; Vick, Lawrence; Wastler, Sandra; Watson, Bruce; Weber, Michael; Webber, Robert; White, Bernard; Wiggins, Jim; Williams, Donna; Williams, Joseph; Williamson, Linda; Willis, Dori; Wimbush, Andrea; Wittick, Brian; Wray, John; Wright, Lisa (Gibney); Wright, Ned; Wunder, George; Young, Francis; Zimmerman, Roy
Cc: OST02 HOC; OST01 HOC
Subject: Work Schedule and Pay Guidance for Reponders to Japan Events

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From: Davidson, Lawrence
Sent: Thursday, March 17, 2011 5:14 PM
To: OST02 HOC; McMurtray, Anthony
Cc: Evans, Michele; Johns, Nancy; Scott, Tracy; Tallarico, Alison
Subject: FW:

Please distribute to everyone who serves in and supports the Ops Center in response to the events in Japan…

From: Davidson, Lawrence
Sent: Thursday, March 17, 2011 2:06 PM
To: Abraham, Susan; Abrams, Charlotte; Ader, Charles; Akstulewicz, Frank; Albert, Ronald; Allwein, Russell; Alston, Timothy; Andersen, James; Anderson, Joseph; Armentrout, Deborah; Ash, Darren; Ash, Melissa; Astwood, Heather; Auluck, Rajender; Austin, Joseph; Ayres, David; Bahadur, Sher; Bailey, Marissa; Bailey, Stewart; Baker, Pamela; Banas, Paul; Barss, Dan; Bartlett, Bruce; Bartley, Jonathan; Bartley, Malion; Batkin, Joshua; Baum, Robin; Bayliff, Shirley; Beardsley, James; Beasley, Benjamin; Bell, Hubert; Bell, Marvin; Bellamy, Ronald; Bellinger, Alesha; Benjamin, Jamie; Benner, Eric; Benney, Brian; Bergman, Thomas; Biggins, James; Bladey, Cindy; Blamey, Alan; Bloom, Steven; Bloomer, Tamara; Blount, Tom; Boger, Bruce; Boland, Anne; Bolduc, Angela; Bonser, Brian; Borchardt, Bill; Borden, William; Bouling, Ramona; Bower, Fred; Bower, Phyllis; Boyce, Tom (RES); Boyce, Thomas (OIS); Brady, Joseph; Brenner, Eliot; Brezovec, Michael; Broaddus, Doug; Brooks, Kenneth; Brown, Frederick; Brown, Tony; Brown, Milton; Brown, Rohn; Bubar, Patrice; Buchholz, Jeri; Buckley, Michael; Bumpass, Sheila; Burns, Stephen; Burritt, Arthur; Burton, Stephen; Burton, William; Bush-Goddard, Stephanie; Cain, Chuck; Caldwell, Robert; Calle, Joselito; Cameron, Jamnes; Campbell, Andy; Campbell, Larry; Campbell, Stephen; Campbell, Vivian; Camper, Larry; Caniano, Roy; Cardenas, Daniel; Carlson, Robert; Carpenter, Cynthia; Case, Michael; Casto, Chuck; Casto, Greg; Cataldo, Paul; Catts, Michelle; Champion, Bryan; Chang, Helen; Chang, Lydia; Cheok, Michael; Chernoff, Harold; Chernoff, Margaret; Chokshi, Nilesh; Christensen, Harold; Clark, Jeff; Clay, Earnestine; Clayton, Brent; Clifford, James; Cobey, Eugene; Cochrum, Steven; Coe, Doug; Cohen, Miriam; Cohen, Ronald; Cohen, Stephen; Colaccino, Joseph; Coleman, Judy; Collins, Daniel; Collins, Elmo; Conte, Richard; Cook, Christopher; Corbett, James; Cordes, John; Correia, Richard; Costello, Ralph; Coyne, Kevin; Croteau, Rick; Crowe, Eddy; Cruz, Jeffrey; Csontos, Aladar; Cubbage, Amy; Cubellis, Louis; Cullison, David; Curtis, David; Daley, Robert; Daly, Jill; Dambly, Jan; Daniel, Susan; Danna, James; Dapas, Marc; Davis, Henry; Davis, Jack; Davis, Marlone; Dean, Michael; Dean, Bill; Dehn, Janine; Delligatti, Mark; Dembek, Stephen; Demoss, Gary; Dennig, Robert; Dentel, Glenn; Desai, Binoy; Dias, Antonio; Diaz-Toro, Diana; Dickson, Billy; Dingbaum, Stephen; DiPaolo, Eugene; Dixon, John; Dixon-Herrity, Jennifer; Doane, Margaret; Dodmead, James; Doerflein, Lawrence; Donaldson, Leslie; Donnell, Tremaine; Donoghue, Joseph; Doornbos, Roger; Dorman, Dan; Dorsey, Jeryll; Dosch, William; Dreisbach, Jason; Droggitis, Spiros; Dudes, Laura; Dumbacher, David; Duncan, Eric; Dwyer, James; Dyer, Jim; Eads, Johnny; Easson, Pamela; Egan, Dennis; Egli, Richard; Einberg, Christian; Elkins, Scott; Ellegood, John; Elliott, Robert; Ellsbury, Richard; Erlanger, Craig; Ernstes,

Michael; Brown, Cris; Evans, Carolyn; 'Michele.ca@nrc.gov'; Farnholtz, Thomas; Felts, Russell; Fenton, Darlene; Ferdas, Marc; Ferrell, Kimberly; Ficks, Ben; Fields, Leslie; Finney, Patrick; Fitch, Karen; Flanders, Scott; Flynn, Sean; Foster, Jack; Franke, Mark; Franovich, Rani; Fredericks, Carl; Freeman, Scott; Fretz, Robert; Frumkin, Daniel; Frye, Timothy; Fuller, Michael; Gaddy, Vincent; Gallo, Jenny; Galloway, Melanie; Gartman, Michael; Gavrilas, Mirela; Giantelli, Adelaide; Gibson, Kathy; Giessner, John; Giitter, Joseph; Givvines, Mary; Gody, Tony; Golder, Jennifer; Golshan, KG; Gorham, Tajuan; Gott, William; Graham, Thorne; Grancorvitz, Teresa; Grant, Jeffery; Graser, Dan; Gray, Mel; Greene, Kathryn; Grice, Thomas; Griffin, Steven; Grobe, Jack; Hawkins, Kimberly; Gusack, Barbara; Guthrie, Eugene; Guttmann, Jack; Haag, Robert; Habighorst, Peter; Hackett, Edwin; Haeg, Lucas; Haire, Mark; Hall, Donald; Hall, Patricia; Hamzehee, Hossein; Haney, Catherine; Hansell, Samuel; Harris, Tim; Harrison, Donnie; Hatchett, Gregory; Hawkens, Roy; Hay, Michael; Hayden, Elizabeth; Hays, Myra; Heck, James; Heck, Jared; Helton, Shana; Henderson, Pamela; Hickey, James; Hiland, Patrick; Hills, David; Hilton, Nick; Hiltz, Thomas; Hirsch, Patricia; Hoeg, Tim; Hogan, Rosemary; Holahan, Gary; Holahan, Patricia; Holian, Brian; Holland, Crystal; Holody, Daniel; Holonich, Joseph; Holt, BJ; Hopper, George; Howard, Patrick; Howe, Allen; Howell, Art; Howell, Linda; Hoxie, Chris; Hsia, Anthony; Hsu, Caroline; Hsueh, Kevin; Huber, Deborah; Hudson, Jody; Humerick, David; Hunegs, Gordon; Hunter, James; Huth, Virginia; Hutto, Andy; Huyck, Doug; Imboden, Andy; Itzkowitz, Marvin; Jackson, Deborah; Jackson, Donald; Jackson, Terry; James, Lois; Jankovich, John; Janney, Margie; Jarvis, Rodney; Jenkins, Ronaldo; Jernell, Eleni; Johns, Nancy; Johnson, Michael; Johnson, Clay; Johnson, Robert; Jolicoeur, John; Jones, Bradley; Jones, Evan; Jones, William; Josey, Jeffrey; Joustra, Judith; Julian, Emile; Jung, Ian; Junge, Michael; Kahler, Robert; Kaplan, Michele; Karas, Rebecca; Kellar, Ray; Kelley, Corenthis; Kemerer, Myron; Kemker, Brian; Kennedy, Kriss; Kennedy, Silas; Kerben, Valerie; Kern, David; Khanna, Meena; Kim, Yong; Kimble, Daniel; King, Donald; King, Michael; Kinneman, John; Kirkland, John; Kirkwood, Sara; Klein, Alex; Knutson, Ed; Kobetz, Timothy; Kokajko, Lawrence; Kolaczyk, Kenneth; Konzman, Carl; Koshy, Thomas; Kowal, Mark; Kramer, John; Krohn, Paul; Krsek, Robert; Krupnick, David; Kulesa, Gloria; Kulp, Jeffrey; Kunowski, Michael; Lam, Donna; Lambert, Kenneth; Landau, Mindy; Langan, Scott; Lankford, Jeffrey; Lantz, Ryan; Lara, Julio; Larkin, Grant; Laura, Richard; Layton, Michael; Le, Hong; Lee, Bert; Lee, David; Lee, Richard; Lee, Samson; Lee, Samuel; Leeds, Eric; Lennartz, Jay; Lesser, Mark; Lew, David; Lewis, Robert; Lipa, Christine; Lombard, Mark; Long, Chris; Lopez, Joseph; Lorson, Raymond; Louden, Patrick; Lubinski, John; Luehman, James; Lui, Christiana; Lukes, Robert; Lund, Louise; Lupold, Timothy; Lyons-Burke, Kathy; Ma, May; Madden, Patrick; Madison, Wil; Magruder, Stewart; Mamish, Nader; Markley, Michael; Marshall, Jane; Marshfield, Mark; Martin, Gillian; Masnik, Michael; Masse, Todd; Matheson, Mary; Mathew, Roy; Matthews, David; Mattingley, Joel; Maxin, Mark; Mayfield, Michael; McCann, Carrie; McConnell, Keith; McCoppin, Michael; McCoy, Gerald; McCrary, Cheryl; McCree, Victor; McDermott, Brian; McGhee, James; McGill, Clinton; McGinty, Tim; McGowan, Anna; McHale, John; McKelvey, Harold; McKenna, Eileen; McKenney, Christepher; McKirgan, John; McMillan, Joseph; McMurtray, Anthony; Mendiola, Anthony; Meyer, David; Michalak, Paul; Miller, Charles; Miller, Chris; Miller, Geoffrey; Miller, Marie; Miller, Mark; Miller, Michael; Miotla, Sherri; Mitchell, Matthew; Mitchell, Reggie; Mohseni, Aby; Monk, Robert; Monninger, John; Montgomery, Jack; Moore, Scott; Moore, Thomas; Moorman, James; Morris, Eddie; Morris, James; Morris, R. Michael; Morris, Scott; Morrissey, Thomas; Moulding, Patrick; Moy, Romena; Mrowca, Lynn; Muessle, Mary; Munday, Joel; Murphy, Jerome; Murphy, Martin; Musser, Randy; Narick, Marianne; Nazario, Tomy; Nease, Rebecca; Neff, Deborah; Nelson, Robert; Nichols, Russell; Nieh, Ho; Norato, Michael; Norris, Michael; Nute-Blackshear, Lora; OBrien, Kenneth; OBryan, Phil; O'Donohue, Kathleen; Offutt, David; Ogle, Chuck; OKeefe, Neil; Oklesson, Edward; Ordaz, Vonna; Orth, Steven; O'Sullivan, Kevin; Ott, William; Ousley, Elizabeth; Owens, Janice; Paradiso, Karen; Partlow, Benjamin; Pascarelli, Robert; Peck, Michael; Pederson, Cynthia; Pelke, Patricia; Pellet, John; Pelton, David; Peralta, Juan; Perry, Jamila; Perry, Neil; Persinko, Andrew; Peters, Sean; Peterson, Gordon; Peterson, Hironori; Pham, Bo; Phillips, Charles; Piccone, Josephine; Pool, Stephen; Poole, Brooke; Powell, Amy; Powell, Dawn; Powell, Raymond; Prescott, Peter; Pretzello, Andrew; Price, Georgette; Pruett, Troy; Pstrak, David; Pulliam, Timothy; Quay, Theodore; Quichocho, Jessie; Rabideau, Peter; Rahimi, Meraj; Raione, Richard; Rajnic, Cecilia; Ramirez, Frances; Rasmussen, Richard; Rasouli, Houman; Raspa, Rossana; Rayland, Andrew; Raymond, William; Reckley, William; Reddick, Darani; Reece, James; Regan, Christopher; Reis, Terrence; Remsburg, Kristy; Reynolds, Steven; Reynoso, John; Rheaume, Cynthia; Ricci, John; Rich, Daniel; Rich, Thomas; Richards, Stuart; Ricketts, Paul; Riemer, Kenneth; Ring, Mark; Roach, Edward; Roach, Gregory; Roberts, Darrell; Rodgers, Felecia; Rogge, John; Rosenberg, Stacey; Ross, Thierry; Ross-Lee, MaryJane; Rothschild, Trip; Rough, Richard; Rowhani, Bahman; Royal, Judith; Rubenstone, James; Rubic, Mark; Ruiz, Robert; Ruland, William; Rule, David; Rutkowski, John; Rutledge, Steven; Rzepka, Robert; Sabisch, Andrew; Safford, Carrie; Salgado, Nancy; Salley, MarkHenry; Salter, Susan; Sanchez, Alba; Sanchez, Alfred; Sangimino, Donna-Marie; Santiago, Patricia; Santos, Cayetano; Sargent, Kimberly; Satorius, Mark; Schaaf, Robert; Schaeffer, James; Schmidt, Rebecca; Schneider, Max; Schnetzler, Bonnie; Schoenmann, Sandra; Schroeder, Daniel; Schum, Constance; Scott, Catherine; Scott, Michael; Sealing, Donna; Segala, John; Serepca, Beth; Seymour, Deborah; Shaeffer, Scott; Shaffer, Steve; Shannon, Mel; Shannon, Michael; Sharkey, Jeffry; Shay, Jason; Shear, Gary; Shehee, James; Sheron, Brian; Shields, James; Shoop, Undine; Shuaibi, Mohammed; Silva, Patricia; Simms, Sophonia; Skeen, David; Skokowski, Richard; Smith, Arthur; Smith, Brian; Smith, Galen; Smith, Rich; Smith, Tuwanda; Solorio, Dave; Sosa, Belkys; Sotiropoulos, Dina; Spencer, Mary; Spindler, David; Spitzberg, Blair; StAmour, Norman; Stablein, King; Stapleton, Bernard; Stetson, Kathleen; Stewart, Scott;

Stewart, Sharon; Stoedter, Karla; Stone, AnnMarie; Suber, Gregory; Subosits, Stephen; Sullivan, Allen; Swain, Karol; Sydnor, Russell; Sykes, Marvin; Szyperski, Bill; Tailleart, Don; Talley, Sandra; Tappert, John; Tate, Travis; Taylor, Robert; Tenaglia, Mickey; Terao, David; Terry, Leslie; Thaggard, Mark; Thomas, Brian; Thomas, Christopher; Thorp, John; Tonacci, Mark; Tracy, Glenn; Tran, Tu; Trapp, James; Travick, Vanette; Trent, Glenn; Tschiltz, Michael; Turner, Joseph; Turtil, Richard; Uhle, Jennifer; Ulses, Anthony; Usilton, William; Valentin, Andrea; Vegel, Anton; Vias, Steven; Vietti-Cook, Annette; Virgilio, Martin; VonTill, Bill; Voytko, Victoria; Walker, Tracy; Walker, Wayne; Wall, Scott; Warnick, Greg; Wastler, Sandra; Waters, Michael; Watson, Bruce; Weaver, Doug; Webber, Robert; Weber, Michael; Weerakkody, Sunil; Welling, Blake; Werkheiser, David; Werner, Greg; Wert, Leonard; West, Garmon; West, Steven; Westreich, Barry; Whetstine, Jack; White, Duncan; White, Darrell; Whited, Ryan; Whitten, Jack; Widdup, Joseph; Widmann, Malcolm; Wiggins, Jim; Williams, Barbara; Williams, Evelyn; Williams, Kevin; Williams, Michael; Williams, Mona; Williams-Johnson, Patrice; Williamson, Edward; Wilson, Ernest; Wilson, George; Wilson, Peter; Wood, Gene; Wood, Kent; Wright, Lisa (Gibney); Wrona, David; Wunder, George; Yerokun, Jimi; Young, Cale; Young, Mitzi; Zane, Steven; Zeiler, John; Zimmerman, Jacob; Zimmerman, Roy; Zobler, Marian
Cc: Scott, Tracy; Tallarico, Alison; Thoman, Raymond; Jones, Jackie; Blair, Tina; Chin, Allison; Dean, Vivian; Evans(HR), Marilyn; Himmelberg, Jude; Jackson, Briana; Jaigobind, Savi; Silberfeld, Dafna; Watson, Madonna; Williams, Michelle; Atkinson, Jeanne; Broadwater, Lynne; Brown, Keisa; Hicks, Beverly; Hicks, Valencia; Jonsson, Dawn; Lindsay, Sandy; Marziale, Riqueza; ORourke, Christine; Reeves, Gloria; Scott, Mary; Thomas-Richards, Karen; Todd, Colleen
Subject:

Managers, supervisors, team leaders, and T&L Coordinators,

Attached for your information is a document that addresses, in detail, work schedules and premium pay for individuals who serve in and support the NRC Operations Center or work in Japan, in response to the current, serious nuclear power plant issues in that country. NSIR and the NRC Japanese support team leader will provide the document to all participants.

T&L Coordinators, please note that participants in your organization may contact you to request a change in their HRMS workgroups for pay periods in which they perform emergency response work.

Participants should contact me if they have any questions on work schedules or premium pay.

Larry Davidson
Office of Human Resources
Nuclear Regulatory Commission
301-492-2286; lawrence.davidson@nrc.gov

WORK SCHEDULE AND PREMIUM PAY GUIDANCE FOR RESPONSE TO EVENTS IN JAPAN

Please first review this document and contact Larry Davidson of the Office of Human Resources (301-492-2286 or lawrence.davidson@nrc.gov) for any needed assistance.

Work Schedules

One or more types of work schedules may be appropriate during a pay period in which you serve in and support the NRC Operations Center or work in Japan, in response to the current, serious nuclear power plant issues in that country. You are authorized to select the type of work schedule you will work during the pay period depending on:

- Your specific workdays and work clocks hours in the Operations Center or in Japan, as well as any flexibility you have to choose those workdays and clock hours;
- Your entitlement to premium pay for work in the Operations Center or Japan;
- Your performance, if any, of regular duties outside of the Operations Center/Japan during the pay period; and,
- Your loss of earned credit hours if you switch from NEWFlex to another type of work schedule.

Possible work schedules include:

- Compressed work schedule – Appropriate if, during the entire pay period, your workdays and work clock hours are fixed (i.e., you do not have any flexibility to choose either) and there are fewer than ten nonovertime workdays in the pay period (at least one nonovertime workday contains more than eight nonovertime hours). Note that restrictions on nonovertime work clock hours and weekend workdays have been lifted for the pay period. An Expanded-Compressed Work Schedule may be appropriate (see the Yellow Announcement at http://www.internal.nrc.gov/announcements/yellow/2003/2003-032.html and Article 6.10.3 of the Collective Bargaining Agreement).
- NEWFlex - Appropriate if, during at least a portion of the pay period, you have some discretion to select your workdays and/or work clock hours (for example, if/when performing regular duties outside of the Operations Center or Japan). Note that restrictions on nonovertime work clock hours and weekend workdays have been lifted for the pay period.
- First-40 – Appropriate if it is impracticable to prescribe a regular schedule of definite hours of duty for each workday of the workweek (likely not appropriate).

Note that you must advise your T&L coordinator to change your HRMS workgroup if you change the type of schedule you work, e.g., if you normally work CWS and change to NEWFlex for the pay period in which you serve in and support the NRC Operations Center or work in Japan. Also note that if you switch from NEWFlex to another type of work schedule, you will lose and will be paid for any accumulated credit hours.

Also note that if you work fewer than 80 hours serving in and supporting the NRC Operations Center or working in Japan, your "home" supervisor will allow you discretion, to the extent possible, to decide how/when to cover any missing time.

Premium Pay

Cap on Combined Salary Plus Premium Pay –The biweekly cap on premium pay has been lifted and will be applied on an annual basis during any pay period in which you serve in and support the NRC Operations Center or work in Japan (the annual cap will benefit you if you are paid a salary below the GG-15 step 10 salary rate). Your organization has been advised to contact CFO with employee names and dates of work.

Overtime pay or regular comp time – Overtime (limited to the higher of: your regular rate; or, 150% of GG-10 step 10) is paid for your work in excess of your full-time work schedule during the pay period. You may choose to be compensated via regular compensatory time off instead (limited to a 40-hour pay period carryover) if your overtime work was not scheduled in advance of the workweek, or regardless of when it was scheduled if you are on NEWFlex.

TRCs – Use "OT" for overtime pay and "COMPE" for regular comp time.

Night premium (10%) –This premium is paid for your *nonovertime* work between 6:00 p.m. and 6:00 a.m. the following morning, and for your *overtime* work during these clock hours if the work was scheduled in advance of the week in which you performed it. Also, this premium is paid for your periods of paid leave, if any, during night clock hours if, during the pay period, you have fewer than 8 hours of total paid leave inclusive of both night and day work.

TRC – NDIFF (hours must also be recorded under another TRC such as REG or OT).

Sunday premium (25%) – This premium is paid for your *nonovertime* work performed on a shift(s), any part(s) of which falls on a Sunday (e.g., a shift from Saturday at 6:00 p.m. to Sunday at 6:00 a.m.). Sunday premium is not payable for periods of nonwork, including leave, holidays not worked, and excused absence.

TRC – SUNP (hours must also be recorded under another TRC such as REG).

Standby status - You are eligible for special overtime pay if you are restricted by official order to a designated post of duty and assigned to be in a state of readiness to perform work, versus actually performing work, with limitations on your activities so substantial that you cannot use

your time effectively for your own purposes. We do not anticipate that any employee will be in a standby status.

Miscellaneous

Employee Assistance Program (EAP)

Free, confidential counseling is available to you and your family members to address emotional issues, work problems, substance abuse, stress, crisis, marital/family concerns, financial matters, legal issues, eldercare resources, and childcare referrals. Call 1-800-869-0276 or check www.eapconsultants.com.

Travel

If you travel to/from Japan:

- Keep a log of specific travel times and work clock hours to help NRC compute your entitlement to compensation.

- Consider enrolling in the Smart Traveler Enrollment Program or STEP) to make it easier for the Embassy/Consulates to contact you in case of an emergency. You may enroll at https://travelregistration.state.gov, or if you have no internet access, directly at the U.S. Embassy or U.S. Consulates.

- If you are paid a salary below the GG-15 step 10 salary rate, you are entitled to overtime pay (limited to higher of: your regular rate; or, 150% of GG-10 step 10) for travel to/from Japan, and if the travel is during night hours (6:00 p.m. to 6:00 a.m.) and scheduled in advance of the workweek, you are also entitled to night premium pay. You may substitute regular compensatory time off (limited to a 40-hour pay period carryover) for overtime pay if your travel was not scheduled in advance of the workweek, or regardless of when it was scheduled if you are on NEWFlex.

  TRCs – Use "OT" for overtime pay, "COMPE" for regular comp time, and "NDIFF" for night premium pay.

Williams, Donna

From: Williams, Donna
Sent: Tuesday, March 22, 2011 1:26 PM
To: Holahan, Gary
Subject: RE: Discussion of the Fukushima Event

Good idea. I'll check with Larry/Philippe to see when they are available.

From: Holahan, Gary
Sent: Tuesday, March 22, 2011 12:15 PM
To: Williams, Donna
Subject: RE: Discussion of the Fukushima Event

I accept your changes and added a few to clarify that MDEP activities could coordinate lessons learned efforts but not be the lessons learned effort.

See below.

I like the idea of going to NEA … then STC … with Lacoste (and the Chairman's office) informed.

How about a conf call with NEA this week?

Gary

The tragic events in Japan this month raise numerous issues about the safety of operating and new reactors. Many, perhaps all, of these issues have been or are already being addressed in the on-going new reactor design reviews. I expect that each regulator will need to re-confirm that enhancements to seismic, flooding and severe accident protections for new reactor designs have been addressed.

Each regulatory authority will need to study and learn from the experience at Fukushima. I believe that it would be beneficial for the major regulatory authorities dealing with new reactors (i.e. the MDEP members) to coordinate their efforts to understand the events, determine their significance for new reactor designs, evaluate the effectiveness of enhanced new reactor features, determine if any further activities are warranted, and communicate the results of such an evaluation to all interested parties.

I therefore propose that the MDEP STC begin a discussion of these matters at the April STC meeting. The STC should discuss available mechanisms for coordinating national efforts on this topic, including the possible formation of a working group or an STC sub-committee, or the development of guidance to each existing design-specific working group. MDEP cannot become the organization responsible for the Fukushima lessons learned effort, but it can serve as the forum for coordinating efforts as they relate to new reactor designs. I therefore ask that each STC member come to the April meeting prepared to share information on how it's organization plans to address lessons learned from the event, and some thoughts on the benefits of MDEP cooperation going forward.

If we begin STC discussions in April, we could discuss progress on this topic at the June PG meeting, include the fact that this effort was started in the annual report (perhaps in Mr. Lacoste's foreword to the report), and present preliminary findings at the September MDEP conference.

Attached are some preliminary thoughts on how new reactor designs are addressing what now appear to be important considerations effecting the Fukushima event. I believe that the final studies will need to go into much more detail to understand the event and to understand how each new reactor design is enhancing safety. I am providing these thoughts to begin to develop an agreement on how MDEP can be used to address the tragic events in a productive and effective manner. Your thoughts would be much welcomed.

D/9

From: Williams, Donna
Sent: Tuesday, March 22, 2011 11:37 AM
To: Holahan, Gary
Subject: RE: Discussion of the Fukushima Event

I only made a few editorial changes to your original draft. I propose that it be sent to the STC members (first send a note to NEA to inform them) with a separate email to Mr. Lacoste informing him that we plan to discuss at the April meeting.

Should the email specifically indicate what we expect each STC member to do between now and the April meeting? (i.e., be prepared to provide input on the actions that their agencies plan to undertake, prepare to make a recommendation on how MDEP should proceed, etc.) I've included a proposed sentence below.

The tragic events in Japan this month raise numerous issues about the safety of operating and new reactors. Many, perhaps all, of these issues have been or are already being addressed in the on-going new reactor design reviews. I expect that each regulator will need to re-confirm that enhancements to seismic, flooding and severe accident protections for new reactor designs have been addressed.

Each regulatory authority will need to study and learn from the experience at Fukushima. I believe that it would be beneficial for the major regulatory authorities dealing with new reactors (i.e. the MDEP members) to cooperate in their efforts to understand the events, determine their significance for new reactor designs, evaluate the effectiveness of enhanced new reactor features, determine if any further activities are warranted, and communicate the results of such an evaluation to all interested parties.

I therefore propose that the MDEP STC begin a discussion of these matters at the April STC meeting. The STC should discuss available mechanisms for addressing this topic, including the possible formation of a working group or an STC sub-committee, or the development of guidance to each existing design-specific working group. I ask that each STC member come to the April meeting prepared to share information on how it's organization plans to address lessons learned from the event, and some thoughts on the benefits of MDEP cooperation going forward.

If we begin STC discussions in April, we could discuss progress on this topic at the June PG meeting, include the fact that this effort was started in the annual report (perhaps in Mr. Lacoste's foreword to the report), and present preliminary findings at the September MDEP conference.

Attached are some preliminary thoughts on how new reactor designs are addressing what now appear to be important considerations effecting the Fukushima event. I believe that we will need to go into much more detail to understand the event and to understand how each new reactor design is enhancing safety. I am providing these thoughts to begin to develop an agreement on how MDEP can be used to address the tragic events in a productive and effective manner. Your thoughts would be much welcomed.

From:	Sheron, Brian
To:	Grobe, Jack; Hiland, Patrick; Skeen, David; Leeds, Eric; Meighan, Sean; Nguyen, Quynh; Mathew, Roy; Wittick, Brian; Andersen, James; Wilson, George; Uhle, Jennifer; Johnson, Michael; Holahan, Gary; Boger, Bruce
Subject:	RE: Draft scheduling note for SBO
Date:	Tuesday, March 22, 2011 4:18:38 PM

We could report on the SOARCA SBO analysis of Peach Bottom, which is a BWR Mk I plant, since the scenario is similar to the Japanese event.

From: Grobe, Jack
Sent: Tuesday, March 22, 2011 4:13 PM
To: Hiland, Patrick; Skeen, David; Grobe, Jack; Leeds, Eric; Meighan, Sean; Nguyen, Quynh; Mathew, Roy; Wittick, Brian; Andersen, James; Wilson, George; Sheron, Brian; Uhle, Jennifer; Johnson, Michael; Holahan, Gary; Boger, Bruce
Subject: FW: Draft scheduling note for SBO

Couple thoughts.

Not sure we need Pat and me both.

Should we have some perspective from new reactors?

Is there anything that RES is doing that should be addressed?

What about routing baseline inspection and how it addresses station blackout?

Who should address these topics if we include them?

From: Wilson, George
Sent: Tuesday, March 22, 2011 3:36 PM
To: Hiland, Patrick; Skeen, David; Grobe, Jack; Leeds, Eric; Meighan, Sean; Nguyen, Quynh; Mathew, Roy; Wittick, Brian; Andersen, James
Subject: Draft scheduling note for SBO

See attached

George Wilson
USNRC
EICB Branch Chief, Division of Engineering
Mail Stop O12H2
301-415-1711

D/10

Table of Hourly Weather Observations (Today/Yesterday)

27 March 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	-0.3	0.0	NW	3.3	
2	-0.9	0.0	WNW	2.3	
3	-1.1	0.0	NW	1.8	
4	-1.4	0.0	WNW	1.1	0.0
5	-1.7	0.0	WNW	0.8	0.0
6	-1.5	0.0	SW	0.5	0.3
7	0.2	0.0	SW	0.3	1.0
8	2.4	0.0	WNW	2.8	1.0
9	3.2	0.0	NW	4.3	1.0
10	4.2	0.0	NW	5.0	0.8
11	4.0	0.0	NW	4.8	0.8
12	5.2	0.0	NW	4.4	0.6
13	5.2	0.0	NW	6.2	0.9
14	3.6	0.0	NW	5.1	0.8
15	5.3	0.0	NW	5.3	0.9
16	3.8	0.0	NW	4.8	0.9
17	3.3	0.0	NW	4.4	1.0
18	2.2	0.0	WNW	3.7	0.6
19	1.3	0.0	WNW	1.5	0.0
20	0.9	0.0	WNW	2.9	0.0
21	0.2	0.0	NW	3.2	
22	-0.2	0.0	NNW	1.5	
23	-0.2	0.0	SW	0.3	
24	-0.5	0.0	NW	0.4	

	Data	Time
Low Temperature(°C)	-2.2	05:20
High Temperature(°C)	5.9	12:58
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	14.1(NW)	12:42

*24

3/11

Table of Hourly Weather Observations (Today/Yesterday)

28 March 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Yesterday High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	-0.4	0.0	WNW	0.7	
2	-1.3	0.0	Calm	0.2	
3	-2.1	0.0	NW	0.9	
4	-1.9	0.0	ESE	1.2	0.0
5	-1.3	0.0	WNW	1.1	0.0
6	-0.3	0.0	W	1.8	0.2
7	0.9	0.0	W	1.7	1.0
8	2.8	0.0	WSW	1.4	1.0
9	5.0	0.0	W	1.5	1.0
10	6.0	0.0	WNW	1.5	0.9
11	6.2	0.0	NNW	4.6	0.4
12	6.6	0.0	WNW	2.4	0.2
13	6.6	0.0	NNW	2.9	0.0
14	7.8	0.0	WNW	1.3	0.4
15	6.5	0.0	SSE	2.5	0.0
16	6.7	0.0	S	3.1	0.2
17	5.8	0.0	S	2.5	0.9
18	4.6	0.0	S	1.1	0.6
19	4.0	0.0	S	1.1	0.0
20	3.8	0.0	S	1.5	0.0
21	3.2	0.0	SW	1.3	
22	2.4	0.0	WNW	1.1	
23	2.2	0.0	N	1.7	
24	2.4	0.0	W	0.7	

	Data	Time
Low Temperature(°C)	-2.2	03:00
High Temperature(°C)	9.1	13:25
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	10.8(NW)	10:55

*24

Table of Hourly Weather Observations (Today/Yesterday)

29 March 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	0.6	0.0	SW	2.0	
2	1.2	0.0	W	0.4	
3	0.8	0.0	WSW	0.7	
4	-0.2	0.0	SW	1.5	0.0
5	0.5	0.0	WSW	1.1	0.0
6	0.1	0.0	WNW	0.7	0.0
7	2.2	0.0	W	0.8	1.0
8	4.5	0.0	SW	1.2	1.0
9	7.4	0.0	SSW	1.6	1.0
10	7.4	0.0	ESE	2.1	1.0
11	10.0	0.0	ESE	2.2	1.0
12	9.9	0.0	SSE	2.4	1.0
13	9.5	0.0	E	2.8	0.8
14	9.0	0.0	SE	3.0	0.4
15	12.1	0.0	WNW	2.1	0.7
16	11.3	0.0	WNW	2.9	0.8
17	7.9	0.0	E	2.0	0.2
18	9.1	0.0	SW	1.5	0.4
19	8.3	0.0	W	2.3	0.0
20	6.2	0.0	Calm	0.2	0.0
21	6.4	0.0	W	1.4	
22	6.4	0.0	WNW	2.1	
23	6.2	0.0	WNW	1.2	
24	5.0	0.0	W	1.1	

	Data	Time
Low Temperature(°C)	-0.4	03:57
High Temperature(°C)	12.4	15:27
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	7.8(NW)	15:10

*24

Table of Hourly Weather Observations (Today/Yesterday)

30 March 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	5.2	0.0	WNW	1.4	
2	5.6	0.0	WNW	0.9	
3	4.8	0.0	WNW	1.6	
4	4.7	0.0	NNW	2.0	0.0
5	4.4	0.0	NW	1.7	0.0
6	2.9	0.0	SE	0.3	0.0
7	5.0	0.0	SE	1.0	0.8
8	6.0	0.0	SE	0.7	1.0
9	8.0	0.0	SSW	1.3	1.0
10	8.8	0.0	ESE	2.8	1.0
11	10.1	0.0	SSE	4.1	0.9
12	9.7	0.0	ESE	2.6	1.0
13	9.9	0.0	ESE	3.4	0.9
14	10.7	0.0	SE	3.1	0.7
15	9.2	0.0	SSE	2.4	0.0
16	9.1	0.0	S	1.8	0.0
17	7.8	0.0	E	1.5	0.0
18	6.3	0.0	ESE	1.5	0.0
19	6.2	0.0	ENE	0.9	0.0
20	5.3	0.5	Calm	0.2	0.0
21	4.9	0.0	SW	1.1	
22	5.0	0.0	SSW	1.2	
23	4.8	0.0	SW	0.6	
24	4.9	0.0	SSE	1.5	

	Data	Time
Low Temperature(°C)	2.2	05:37
High Temperature(°C)	11.2	14:01
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	6.7(SE)	10:55

*24

Table of Hourly Weather Observations (Today/Yesterday)

31 March 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Yesterday High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	4.7	0.0	SSW	1.1	
2	4.7	0.0	SSW	2.6	
3	4.6	0.0	S	1.6	
4	4.5	0.0	SSW	1.7	0.0
5	3.7	0.0	SW	0.9	0.0
6	3.2	0.0	NW	1.4	0.0
7	3.3	0.0	NNW	1.4	0.0
8	3.2	1.0	NW	1.3	0.0
9	2.4	2.5	NNE	2.8	0.0
10	4.2	0.0	WNW	1.0	0.1
11	6.8	0.0	W	1.7	1.0
12	7.4	0.0	WSW	1.7	0.1
13	9.2	0.0	NW	2.1	0.2
14	9.3	0.0	NNW	2.4	0.7
15	7.0	0.0	SW	1.8	0.0
16	9.6	0.0	NW	3.9	0.7
17	8.0	0.0	NW	3.7	0.9
18	6.5	0.0	NW	4.5	0.3
19	5.7	0.0	NNW	5.0	0.0
20	5.2	0.0	N	2.9	0.0
21	5.2	0.0	NNW	3.7	
22	4.7	0.0	NNW	2.7	
23	3.5	0.0	W	1.7	
24	3.5	0.0	NW	1.8	

	Data	Time
Low Temperature(°C)	2.3	08:59
High Temperature(°C)	10.1	13:23
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	10.3(NNW)	17:50

*24

Table of Hourly Weather Observations (Today/Yesterday)

01 April 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	3.7	0.0	NNW	2.3	
2	2.4	0.0	NW	1.0	
3	2.8	0.0	NNW	1.9	
4	2.9	0.0	N	1.6	0.0
5	2.5	0.0	N	2.0	0.0
6	2.4	0.0	WNW	0.9	0.3
7	4.0	0.0	Calm	0.1	1.0
8	6.3	0.0	SSE	0.4	1.0
9	7.8	0.0	SE	1.3	1.0
10	9.8	0.0	SSE	2.5	1.0
11	10.5	0.0	S	2.9	1.0
12	10.5	0.0	SE	3.7	1.0
13	11.0	0.0	SE	3.3	1.0
14	9.6	0.0	SSE	4.5	1.0
15	8.9	0.0	SSE	3.8	0.9
16	8.3	0.0	SE	3.6	1.0
17	7.0	0.0	SSE	3.4	0.6
18	5.9	0.0	SE	2.9	0.0
19	5.4	0.0	ESE	1.3	0.0
20	5.4	0.0	ENE	0.7	0.0
21	4.6	0.0	Calm	0.2	
22	4.7	0.0	W	0.5	
23	3.9	0.0	WNW	1.2	
24	5.3	0.0	SW	1.4	

	Data	Time
Low Temperature(°C)	1.9	06:16
High Temperature(°C)	11.4	13:00
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	8.2(SSE)	13:27

*24

Table of Hourly Weather Observations (Today/Yesterday)

03 April 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	1.4	0.0	WNW	3.7	
2	1.2	0.0	NW	3.9	
3	1.1	0.0	WNW	1.9	
4	1.4	0.0	WNW	2.1	0.0
5	1.1	0.0	WNW	2.7	0.0
6	0.5	0.0	NNW	0.8	0.0
7	2.4	0.0	W	0.4	0.6
8	4.4	0.0	W	2.6	0.7
9	5.4	0.0	WNW	5.2	0.9
10	5.5	0.0	WNW	4.8	0.3
11	6.6	0.0	NW	4.9	0.3
12	6.3	0.0	WNW	3.9	0.1
13	6.7	0.0	NW	3.7	0.7
14	5.9	0.0	NW	5.5	0.1
15	6.5	0.0	WNW	4.9	0.3
16	5.6	0.0	NW	4.3	0.2
17	3.8	0.0	NW	5.2	0.4
18	2.6	0.0	NW	4.3	0.1
19	2.1	0.0	NW	5.0	0.0
20	2.0	0.0	NNW	4.2	0.0
21	1.8	0.0	NNW	2.3	
22	1.7	0.0	NW	2.9	
23	1.2	0.0	NW	2.7	
24	1.0	0.0	NNW	2.1	

	Data	Time
Low Temperature(°C)	0.0	05:43
High Temperature(°C)	8.0	12:46
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	13.2(NNW)	10:55

*24

Table of Hourly Weather Observations (Today/Yesterday)

04 April 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Yesterday High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	1.0	0.0	NNW	2.9	
2	0.9	0.0	NW	3.0	
3	0.8	0.0	NW	3.1	
4	0.8	0.0	NW	3.7	0.0
5	0.9	0.0	NNW	3.9	0.0
6	1.1	0.0	NW	3.9	0.2
7	2.5	0.0	NW	4.9	0.7
8	4.1	0.0	WNW	4.0	1.0
9	4.9	0.0	NW	5.2	0.9
10	5.7	0.0	NW	5.9	0.9
11	7.1	0.0	NW	4.4	0.8
12	6.8	0.0	NW	4.1	0.5
13	6.9	0.0	NW	6.0	0.8
14	6.4	0.0	NNW	6.2	0.9
15	6.0	0.0	NW	6.4	1.0
16	5.7	0.0	WNW	5.0	1.0
17	5.0	0.0	WNW	4.1	1.0
18	3.5	0.0	NW	3.9	0.7
19	2.9	0.0	NW	3.6	0.0
20	2.3	0.0	NW	2.8	0.0
21	1.5	0.0	NW	2.2	
22	1.9	0.0	NNW	2.2	
23	0.4	0.0	WNW	1.0	
24	0.9	0.0	NW	1.1	

	Data	Time
Low Temperature(°C)	0.1	22:30
High Temperature(°C)	8.2	13:08
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	13.4(NNW)	13:12

*24

Table of Hourly Weather Observations (Today/Yesterday)

05 April 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	-0.5	0.0	WSW	1.9	
2	-0.3	0.0	SW	0.5	
3	0.4	0.0	S	0.4	
4	1.4	0.0	SSE	0.7	0.0
5	1.4	0.0	WNW	0.7	0.0
6	2.1	0.0	WNW	1.3	0.4
7	4.0	0.0	WNW	1.9	1.0
8	6.0	0.0	WNW	1.8	1.0
9	8.9	0.0	NW	2.5	1.0
10	10.5	0.0	NNW	5.1	1.0
11	11.6	0.0	NW	5.1	1.0
12	12.0	0.0	WNW	6.4	1.0
13	12.2	0.0	WNW	6.9	1.0
14	12.4	0.0	NW	7.8	1.0
15	12.4	0.0	NW	7.0	1.0
16	12.2	0.0	NW	6.3	1.0
17	11.0	0.0	NW	5.8	1.0
18	9.4	0.0	NW	7.2	0.8
19	8.5	0.0	NW	4.7	0.0
20	7.9	0.0	NNW	4.3	0.0
21	6.4	0.0	WNW	1.8	
22	5.7	0.0	WNW	1.7	
23	4.5	0.0	WSW	1.5	
24	5.2	0.0	NW	1.9	

	Data	Time
Low Temperature(°C)	-0.8	00:58
High Temperature(°C)	13.1	15:05
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	15.3(NW)	13:26

*24

Table of Hourly Weather Observations (Today/Yesterday)

06 April 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	5.1	0.0	NW	1.7	
2	3.8	0.0	W	1.9	
3	4.6	0.0	WNW	1.5	
4	5.1	0.0	NW	2.8	0.0
5	4.2	0.0	NW	1.7	0.0
6	5.4	0.0	NNW	2.2	0.5
7	7.4	0.0	N	1.4	1.0
8	9.9	0.0	NNW	0.9	1.0
9	12.1	0.0	NNW	3.0	1.0
10	14.0	0.0	NNW	1.8	1.0
11	15.9	0.0	ENE	1.8	1.0
12	16.6	0.0	SE	2.6	1.0
13	18.0	0.0	SE	2.2	1.0
14	17.1	0.0	SSE	2.5	1.0
15	14.9	0.0	SSW	2.8	1.0
16	14.6	0.0	S	2.3	1.0
17	13.2	0.0	SSE	1.8	1.0
18	11.9	0.0	S	0.6	0.8
19	10.4	0.0	SSE	1.0	0.0
20	9.1	0.0	S	1.2	0.0
21	8.6	0.0	ESE	1.7	
22	7.4	0.0	NNE	1.0	
23	7.5	0.0	NE	1.0	
24	6.5	0.0	NNW	0.8	

	Data	Time
Low Temperature(°C)	3.1	02:35
High Temperature(°C)	18.2	13:12
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	7.5(NNW)	08:17

*24

Table of Hourly Weather Observations (Today/Yesterday)

07 April 2011 Shiogama

Latitude: 38°20.3'N, Longitude: 141°0.8'E, Altitude: 105m Today High/Low

Time	Temperature	Precipitation	Wind Direction	Wind Speed	Sunshine Duration
Hour	°C	mm	In 16 Compass Points	m/s	h
1	6.1	0.0	NW	1.2	
2	5.3	0.0	Calm	0.1	
3	5.9	0.0	E	0.3	
4	4.9	0.0	SW	0.5	0.0
5	5.6	0.0	SSE	0.9	0.0
6	5.1	0.0	N	0.4	0.0
7	8.1	0.0	Calm	0.1	0.7
8	8.7	0.0	S	0.6	0.7
9	11.2	0.0	SW	1.6	0.5
10	13.5	0.0	SSE	1.6	0.1
11	14.4	0.0	SSE	1.5	0.0
12	14.3	0.0	SE	2.0	0.1
13	14.4	0.0	SSE	2.7	0.2
14	15.6	0.0	SE	1.7	0.3
15	15.4	0.0	SSE	2.6	0.0
16	13.6	0.0	SE	1.9	0.0
17	12.2	0.0	ESE	1.0	0.4
18	11.8	0.0	WSW	1.0	0.0
19	11.5	0.0	SSE	1.1	0.0
20	11.5	0.0	W	1.0	0.0
21	10.6	0.0	E	0.7	
22	9.5	0.0	ESE	1.2	
23	8.7	0.0	Calm	0.0	
24	10.0	0.0	SSW	1.1	

	Data	Time
Low Temperature(°C)	4.3	05:56
High Temperature(°C)	16.2	13:26
Maximum Instantaneous Wind Speed(m/s) (Wind Direction(In 16 Compass Points))	4.5(E)	22:08

*24

From:	Leeds, Eric
To:	Sheron, Brian; Wiggins, Jim; Johnson, Michael; Haney, Catherine; Miller, Charles; Boyce, Thomas (OIS); Stewart, Sharon; Cohen, Miriam; Howell, Art; Pederson, Cynthia; McCree, Victor; Wert, Leonard; Dean, Bill; Lew, David; West, Steven; Collins, Elmo
Cc:	Ash, Darren; Weber, Michael; Virgilio, Martin; Borchardt, Bill
Subject:	FYI: Japanese Event Response and Available Resources
Date:	Tuesday, March 22, 2011 7:48:45 AM

Please see message below. Feel free to share with your staff that are interested.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Schwarz, Sherry **On Behalf Of** Leeds, Eric
Sent: Monday, March 21, 2011 6:03 PM
To: NRR Distribution
Subject: Japanese Event Response and Available Resources

I want to echo the Commission and Bill Borchardt's words of appreciation and admiration spoken of the staff during the Commission Meeting this morning. NRR has provided tremendous support over the last week, and we will continue our efforts in the weeks, months, and years to come.

In our continued efforts to assist with responding and centralizing information related to events in Japan, we've added a new feature to the homepage of the NRR internal SharePoint site, "Japan Event Information." All of the information under this title has been publicly released or has been approved to be used publicly in our responses to related questions that might arise. Included in the list is a link to the NRC public web site, "NRC Actions on Japan's Emergency," where you may find information related to NRC actions, including news releases, NRC Blog posts, Frequently Asked Questions (FAQs), and other related information and sources. Please be sure to check these resources frequently, as information is being updated daily.

In addition, I've assigned Bob Nelson, Deputy Director, Division of Operating Reactor Licensing (DORL), as the NRR Coordinator for External Communications related to NRR's response to the recent events in Japan. Assisting Nelson will be Sean Meighan and Quynh Nguyen from the NRR front office, Eric Thomas from Division of Inspection and Regional Support, Eric Oesterle from the Office of New Reactors and a communications "tiger team" formulated in DORL headed by Mike Markley. Harold Chernoff will also provide assistance as needed. Nelson and his team will be responsible for coordinating the development and review of related Qs & As and coordinating the response to related controlled correspondence tasked to NRR, including related 2.206 petitions.

Please forward all of your requests for support in this area, to Nelson, 301-415-1453.

Thank you all for your continued support!

Eric

D/12

- NRR SharePoint Site: http://portal.nrc.gov/edo/nrr/default.aspx
- NRC Public Website: NRC Actions on Japan's Emergency: http://www.nrc.gov/japan/japan-info.html

Orlikowski, Robert

From: Murray, Robert
Sent: Tuesday, March 22, 2011 4:03 PM
To: Riemer, Kenneth
Cc: Shah, Nirodh; Haeg, Lucas
Subject: RE: sites monitoring for effects from Japan?

DAEC will be taking rainwater samples at an earlier date due to reports from Kewaunee of I-131 detection. They did not say exactly when but told us they would let us know should they find ANY traces.

From: Riemer, Kenneth
Sent: Tuesday, March 22, 2011 3:41 PM
To: Scarbeary, April; Ramirez, Frances; Ruiz, Robert; Haeg, Lucas; Murray, Robert; Thomas, Christopher; Voss, Patricia; Shah, Nirodh
Subject: sites monitoring for effects from Japan?

Should you hear of anything your licensees are doing or planning to monitor for any detectable activity from the Japanese events, that would be good info to pass along on our branch call.

Don't go out of your way looking for this info, as it's just a general awareness type of deal. I think everyone has heard that Diablo Canyon detected (barely) stuff from the Japanese event. There was some thought that Kewaunee might be also trying to see if there was anything detectable by their plant/staff.

Ken

D/13

Martin, Karnisha

From: Cook, Christopher
Sent: Tuesday, March 22, 2011 11:57 AM
To: Li, Yong; Munson, Clifford
Cc: Stovall, Scott; Karas, Rebecca
Subject: data from Japan
Attachments: NS_Lat_39_Long_141.txt; Kent.txt

Yong and Cliff,
Scott Stovall showed me a SA plot he generated for the Japanese plants based on the attached data. I the plots to Becky and she recommended I forward the data to you both for potential use in the Ops Center. I guess you're having troubles getting it.?

Attached (from Scott): time history for the instrument located at or near the Fukushima plant (Kent.txt) and the instrument that recorded the largest PGA (`NS_Lat_39_Long_141.txt`)

Thanks Scott!

Chris

D/14

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